Danny J Eckert

List of Publications by Year in Descending Order

155 papers	6,096 citations	43 h-index	75 g-index
182 ext. papers	7,764 ext. citations	5 avg, IF	6.32 L-index

#	Paper	IF	Citations
155	Impaired pharyngeal reflex responses to negative pressure: A novel cause of sleep apnea in multiple sclerosis.. *Journal of Applied Physiology*, **2022**,	3.7	1
154	A systematic review and meta-analysis of upper airway sensation in obstructive sleep apnea - Implications for pathogenesis, treatment and future research directions.. *Sleep Medicine Reviews*, **2022**, 62, 101589	10.2	0
153	Tongue acceleration in humans evoked with intramuscular electrical stimulation of genioglossus. *Respiratory Physiology and Neurobiology*, **2022**, 295, 103786	2.8	1
152	Obstructive Sleep Apnea Phenotyping to Understand Pathophysiology and Improve Treatment and Outcomes **2022**, 22-33		
151	The association of co-morbid insomnia and sleep apnea with prevalent cardiovascular disease and incident cardiovascular events.. *Journal of Sleep Research*, **2022**, e13563	5.8	0
150	A novel EEG marker predicts perceived SLEEPINESS AND poor sleep quality.. *Sleep*, **2022**,	1.1	1
149	Novel avenues to approach non-CPAP therapy and implement comprehensive OSA care. *European Respiratory Journal*, **2021**,	13.6	2
148	Co-morbid insomnia and obstructive sleep apnoea is associated with all-cause mortality. *European Respiratory Journal*, **2021**,	13.6	2
147	New and Emerging Approaches to Better Define Sleep Disruption and Its Consequences. *Frontiers in Neuroscience*, **2021**, 15, 751730	5.1	3
146	A Novel EEG Derived Measure of Disrupted Delta Wave Activity during Sleep Predicts All-Cause Mortality Risk. *Annals of the American Thoracic Society*, **2021**,	4.7	1
145	Ventilatory Drive Withdrawal Rather Than Reduced Genioglossus Compensation as a Mechanism of Obstructive Sleep Apnea in REM. *American Journal of Respiratory and Critical Care Medicine*, **2021**,	10.2	2
144	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	3.7	0
143	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	10.2	9
142	Patient experiences of sleep in dialysis: systematic review of qualitative studies. *Sleep Medicine*, **2021**, 80, 66-76	4.6	4
141	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	4.7	15
140	Vulnerability to Postoperative Complications in Obstructive Sleep Apnea: Importance of Phenotypes. *Anesthesia and Analgesia*, **2021**, 132, 1328-1337	3.9	3
139	Different antimuscarinics when combined with atomoxetine have differential effects on obstructive sleep apnea severity. *Journal of Applied Physiology*, **2021**, 130, 1373-1382	3.7	8

138	437 Efficacy of a novel oral appliance and the influence of OSA pathophysiological traits on treatment response. *Sleep*, **2021**, 44, A173-A173	1.1	
137	Addition of zolpidem to combination therapy with atomoxetine-oxybutynin increases sleep efficiency and the respiratory arousal threshold in obstructive sleep apnoea: A randomized trial. *Respirology*, **2021**, 26, 878-886	3.6	2
136	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. *Sleep*, **2021**, 44,	1.1	2
135	Mandibular advancement splint response is associated with the pterygomandibular raphe. *Sleep*, **2021**, 44,	1.1	2
134	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	2
133	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	1
132	The noradrenergic agent reboxetine plus the antimuscarinic hyoscine butylbromide reduces sleep apnoea severity: a double-blind, placebo-controlled, randomised crossover trial. *Journal of Physiology*, **2021**, 599, 4183-4195	3.9	11
131	Effects of hypnotics on obstructive sleep apnea endotypes and severity: Novel insights into pathophysiology and treatment. *Sleep Medicine Reviews*, **2021**, 58, 101492	10.2	4
130	Chronic breathlessness and sleep problems: a population-based survey. *BMJ Open*, **2021**, 11, e046425	3	1
129	Knowledge, attitudes, and practice patterns of obstructive sleep apnea among speech-language pathologists. *Sleep and Breathing*, **2021**, 1	3.1	1
128	Altered swallowing biomechanics in people with moderate-severe obstructive sleep apnea. *Journal of Clinical Sleep Medicine*, **2021**, 17, 1793-1803	3.1	2
127	BAY 2253651 for the treatment of obstructive sleep apnoea: a multicentre, double-blind, randomised controlled trial (SANDMAN). *European Respiratory Journal*, **2021**, 58,	13.6	1
126	Bi-directional relationships between co-morbid insomnia and sleep apnea (COMISA). *Sleep Medicine Reviews*, **2021**, 60, 101519	10.2	7
125	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	10.2	1
124	Morphine alters respiratory control but not other key obstructive sleep apnoea phenotypes: a randomised trial. *European Respiratory Journal*, **2020**, 55,	13.6	8
123	Randomized Trial on the Effects of High-Dose Zopiclone on OSA Severity, Upper Airway Physiology, and Alertness. *Chest*, **2020**, 158, 374-385	5.3	9
122	Qualitative Phenotyping of Obstructive Sleep Apnea and Its Clinical Usefulness for the Sleep Specialist. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	7
121	Central apnea and decreased drive to upper airway motoneurons during high flow nasal cannula therapy. *Sleep Medicine*, **2020**, 69, 98-99	4.6	1

120	An assessment of a simple clinical technique to estimate pharyngeal collapsibility in people with obstructive sleep apnea. *Sleep*, **2020**, 43,	1.1	8
119	Cognitive behavioural therapy for insomnia reduces sleep apnoea severity: a randomised controlled trial. *ERJ Open Research*, **2020**, 6,	3.5	16
118	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	3.1	5
117	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	3.1	5
116	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	3.1	7
115	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	10.2	20
114	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	3.9	10
113	Treatment for obstructive sleep apnoea and cardiovascular diseases: are we aiming at the wrong target?. *Lancet Respiratory Medicine,the*, **2020**, 8, 323-325	35.1	3
112	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	3.9	3
111	Pathogenesis of sleep apnea **2020**, 55-66		
110	Concomitant benzodiazepine and opioids decrease sleep apnoea risk in chronic pain patients. *ERJ Open Research*, **2020**, 6,	3.5	5
109	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	3.9	14
108	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	3.7	5
107	Dose-dependent effects of mandibular advancement on optimal positive airway pressure requirements in obstructive sleep apnoea. *Sleep and Breathing*, **2020**, 24, 961-969	3.1	8
106	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	11.5	1
105	Respiratory-related displacement of the trachea in obstructive sleep apnea. *Journal of Applied Physiology*, **2019**, 127, 1307-1316	3.7	4
104	Combination therapy with mandibular advancement and expiratory positive airway pressure valves reduces obstructive sleep apnea severity. *Sleep*, **2019**, 42,	1.1	11
103	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	

102	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. *Sleep*, **2019**, 42,	1.1	24
101	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	13
100	The effects of zolpidem in obstructive sleep apnea - An open-label pilot study. *Journal of Sleep Research*, **2019**, 28, e12853	5.8	7
99	Polysomnographic Endotyping to Select Patients with Obstructive Sleep Apnea for Oral Appliances. *Annals of the American Thoracic Society*, **2019**, 16, 1422-1431	4.7	28
98	Sleep Apnea Phenotyping: Implications for Dental Sleep Medicine. *Journal of Dental Sleep Medicine*, **2019**, 6,	1.1	2
97	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	2.7	3
96	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,	3.5	3
95	Phenotypic approach to pharmacotherapy in the management of obstructive sleep apnoea. *Current Opinion in Pulmonary Medicine*, **2019**, 25, 594-601	3	7
94	The effect of acute morphine on obstructive sleep apnoea: a randomised double-blind placebo-controlled crossover trial. *Thorax*, **2019**, 74, 177-184	7.3	18
93	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	10.2	84
92	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	12
91	Polysomnography with an epiglottic pressure catheter does not alter obstructive sleep apnea severity or sleep efficiency. *Journal of Sleep Research*, **2019**, 28, e12773	5.8	2
90	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	3.9	21
89	Phenotypic approaches to obstructive sleep apnoea - New pathways for targeted therapy. *Sleep Medicine Reviews*, **2018**, 37, 45-59	10.2	179
88	Personalized Management Approach for OSA. *Chest*, **2018**, 153, 744-755	5.3	101
87	Phenotypic approaches to positional therapy for obstructive sleep apnoea. *Sleep Medicine Reviews*, **2018**, 37, 175-176	10.2	10
86	Obstructive sleep apnea: current perspectives. *Nature and Science of Sleep*, **2018**, 10, 21-34	3.6	155
85	Effect of 1 month of zopiclone on obstructive sleep apnoea severity and symptoms: a randomised controlled trial. *European Respiratory Journal*, **2018**, 52,	13.6	16

84	Inspiratory pre-motor potentials during quiet breathing in ageing and chronic obstructive pulmonary disease. *Journal of Physiology*, **2018**, 596, 6173-6189	3.9	11
83	Extended-Release Morphine for Chronic Breathlessness in Pulmonary Arterial Hypertension-A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. *Journal of Pain and Symptom Management*, **2018**, 56, 483-492	4.8	11
82	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	3.7	8
81	New insights into the timing and potential mechanisms of respiratory-induced cortical arousals in obstructive sleep apnea. *Sleep*, **2018**, 41,	1.1	8
80	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	10.2	3
79	Therapeutic CPAP Level Predicts Upper Airway Collapsibility in Patients With Obstructive Sleep Apnea. *Sleep*, **2017**, 40,	1.1	41
78	Effects of Tiagabine on Slow Wave Sleep and Arousal Threshold in Patients With Obstructive Sleep Apnea. *Sleep*, **2017**, 40,	1.1	14
77	Effect of 4-Aminopyridine on Genioglossus Muscle Activity during Sleep in Healthy Adults. *Annals of the American Thoracic Society*, **2017**, 14, 1177-1183	4.7	8
76	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. *European Respiratory Journal*, **2017**, 49,	13.6	137
75	Central sleep apnea in multiple sclerosis: a pilot study. *Sleep and Breathing*, **2017**, 21, 691-696	3.1	10
74	An automated and reliable method for breath detection during variable mask pressures in awake and sleeping humans. *PLoS ONE*, **2017**, 12, e0179030	3.7	12
73	Respiratory Physiology **2017**, 167-173.e4		3
72	Sleep-Disordered Breathing in People with Multiple Sclerosis: Prevalence, Pathophysiological Mechanisms, and Disease Consequences. *Frontiers in Neurology*, **2017**, 8, 740	4.1	16
71	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	3	16
70	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	2.8	11
69	Obstructive sleep apnoea pathogenesis from mild to severe: Is it all the same?. *Respirology*, **2017**, 22, 33-42	3.6	46
68	Role of common hypnotics on the phenotypic causes of obstructive sleep apnoea: paradoxical effects of zolpidem. *European Respiratory Journal*, **2017**, 50,	13.6	34
67	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	3.1	59

66	Nasal Resistance Is Elevated in People with Tetraplegia and Is Reduced by Topical Sympathomimetic Administration. *Journal of Clinical Sleep Medicine*, **2016**, 12, 1487-1492	3.1	16
65	Desipramine improves upper airway collapsibility and reduces OSA severity in patients with minimal muscle compensation. *European Respiratory Journal*, **2016**, 48, 1340-1350	13.6	61
64	Upper Airway Collapsibility (Pcrit) and Pharyngeal Dilator Muscle Activity are Sleep Stage Dependent. *Sleep*, **2016**, 39, 511-21	1.1	86
63	Zopiclone Increases the Arousal Threshold without Impairing Genioglossus Activity in Obstructive Sleep Apnea. *Sleep*, **2016**, 39, 757-66	1.1	59
62	Arousal Intensity is a Distinct Pathophysiological Trait in Obstructive Sleep Apnea. *Sleep*, **2016**, 39, 2091-2100	1.1	52
61	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	61
60	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	10.2	53
59	Breath-to-breath reflex modulation of genioglossus muscle activity in obstructive sleep apnea. *Sleep Medicine*, **2016**, 21, 45-6	4.6	3
58	Mild Airflow Limitation during N2 Sleep Increases K-complex Frequency and Slows Electroencephalographic Activity. *Sleep*, **2016**, 39, 541-50	1.1	16
57	Effects of low-dose morphine on perceived sleep quality in patients with refractory breathlessness: A hypothesis generating study. *Respirology*, **2016**, 21, 386-91	3.6	6
56	Mechanisms contributing to the response of upper-airway muscles to changes in airway pressure. *Journal of Applied Physiology*, **2015**, 118, 1221-8	3.7	30
55	Quantifying the ventilatory control contribution to sleep apnoea using polysomnography. *European Respiratory Journal*, **2015**, 45, 408-18	13.6	123
54	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	85
53	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, 53-9	1.1	15
52	Arousal from sleep: implications for obstructive sleep apnea pathogenesis and treatment. *Journal of Applied Physiology*, **2014**, 116, 302-13	3.7	168
51	Influence of pharyngeal muscle activity on inspiratory negative effort dependence in the human upper airway. *Respiratory Physiology and Neurobiology*, **2014**, 201, 55-9	2.8	16
50	The classical Starling resistor model often does not predict inspiratory airflow patterns in the human upper airway. *Journal of Applied Physiology*, **2014**, 116, 1105-12	3.7	22
49	Trazodone increases the respiratory arousal threshold in patients with obstructive sleep apnea and a low arousal threshold. *Sleep*, **2014**, 37, 811-9	1.1	90

48	Pathophysiology of upper airway collapse **2014**, 22-33		
47	Upper airway collapsibility is associated with obesity and hyoid position. *Sleep*, **2014**, 37, 1673-8	1.1	84
46	Obstructive sleep apnea in older adults is a distinctly different physiological phenotype. *Sleep*, **2014**, 37, 1227-36	1.1	92
45	Effects of inhaled fluticasone on upper airway during sleep and wakefulness in asthma: a pilot study. *Journal of Clinical Sleep Medicine*, **2014**, 10, 183-93	3.1	35
44	Clinical predictors of the respiratory arousal threshold in patients with obstructive sleep apnea. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 1293-300	10.2	150
43	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, 930-7	10.2	73
42	Reply: Arousal threshold in obstructive sleep apnea. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 373-4	10.2	5
41	Drug effects on ventilatory control and upper airway physiology related to sleep apnea. *Respiratory Physiology and Neurobiology*, **2013**, 188, 257-66	2.8	10
40	Defining phenotypic causes of obstructive sleep apnea. Identification of novel therapeutic targets. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 996-1004	10.2	577
39	Acetazolamide improves loop gain but not the other physiological traits causing obstructive sleep apnoea. *Journal of Physiology*, **2012**, 590, 1199-211	3.9	158
38	Sitting and supine esophageal pressures in overweight and obese subjects. *Obesity*, **2012**, 20, 2354-60	8	21
37	Discharge patterns of human tensor palatini motor units during sleep onset. *Sleep*, **2012**, 35, 699-707	1.1	21
36	Neurogenic changes in the upper airway of patients with obstructive sleep apnea. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 322-9	10.2	72
35	Functional role of neural injury in obstructive sleep apnea. *Frontiers in Neurology*, **2012**, 3, 95	4.1	51
34	Upper airway collapsibility and patterns of flow limitation at constant end-expiratory lung volume. *Journal of Applied Physiology*, **2012**, 113, 691-9	3.7	26
33	Treating obstructive sleep apnea with hypoglossal nerve stimulation. *Sleep*, **2011**, 34, 1479-86	1.1	181
32	A method for measuring and modeling the physiological traits causing obstructive sleep apnea. *Journal of Applied Physiology*, **2011**, 110, 1627-37	3.7	142
31	Sensorimotor function of the upper-airway muscles and respiratory sensory processing in untreated obstructive sleep apnea. *Journal of Applied Physiology*, **2011**, 111, 1644-53	3.7	69

30	Critical closing pressure during midazolam-induced sleep. *Journal of Applied Physiology*, **2011**, 111, 1315-22	3.7	48
29	Termination of respiratory events with and without cortical arousal in obstructive sleep apnea. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 1183-91	10.2	58
28	Common drive in hypoglossal and trigeminal motor neurons. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 1280	10.2	1
27	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, 505-14	6.5	215
26	Stable breathing through deeper sleeping. *Thorax*, **2010**, 65, 95-6	7.3	11
25	Effects of pentobarbital on upper airway patency during sleep. *European Respiratory Journal*, **2010**, 36, 569-76	13.6	23
24	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, 1619-24	3.7	15
23	The influence of end-expiratory lung volume on measurements of pharyngeal collapsibility. *Journal of Applied Physiology*, **2010**, 108, 445-51	3.7	81
22	The effect of increased genioglossus activity and end-expiratory lung volume on pharyngeal collapse. *Journal of Applied Physiology*, **2010**, 109, 469-75	3.7	40
21	Recruitment and rate-coding strategies of the human genioglossus muscle. *Journal of Applied Physiology*, **2010**, 109, 1939-49	3.7	43
20	Alcohol alters sensory processing to respiratory stimuli in healthy men and women during wakefulness. *Sleep*, **2010**, 33, 1389-95	1.1	7
19	Pathophysiology & genetics of obstructive sleep apnoea. *Indian Journal of Medical Research*, **2010**, 131, 176-87	2.9	12
18	Airway dilator muscle activity and lung volume during stable breathing in obstructive sleep apnea. *Sleep*, **2009**, 32, 361-8	1.1	125
17	The influence of obstructive sleep apnea and gender on genioglossus activity during rapid eye movement sleep. *Chest*, **2009**, 135, 957-964	5.3	93
16	Mechanisms of apnea. *Progress in Cardiovascular Diseases*, **2009**, 51, 313-23	8.5	105
15	Pathophysiology of adult obstructive sleep apnea. *Proceedings of the American Thoracic Society*, **2008**, 5, 144-53		318
14	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, 1426-35	3.7	13
13	Upper airway function in the pathogenesis of obstructive sleep apnea: a review of the current literature. *Current Opinion in Pulmonary Medicine*, **2008**, 14, 519-24	3	44

12	Genioglossus reflex inhibition to upper-airway negative-pressure stimuli during wakefulness and sleep in healthy males. *Journal of Physiology*, **2007**, 581, 1193-205	3.9	71
11	Cardiac changes during arousals from non-REM sleep in healthy volunteers. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 292, R1320-7	3.2	24
10	Central sleep apnea: Pathophysiology and treatment. *Chest*, **2007**, 131, 595-607	5.3	347
9	The effects of hypoxia on load compensation during sustained incremental resistive loading in patients with obstructive sleep apnea. *Journal of Applied Physiology*, **2007**, 103, 234-9	3.7	9
8	Upper airway myopathy is not important in the pathophysiology of obstructive sleep apnea. *Journal of Clinical Sleep Medicine*, **2007**, 3, 570-3	3.1	10
7	Upper Airway Myopathy is Not Important in the Pathophysiology of Obstructive Sleep Apnea. *Journal of Clinical Sleep Medicine*, **2007**, 03, 570-573	3.1	18
6	Acute sustained hypoxia suppresses the cough reflex in healthy subjects. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 506-11	10.2	20
5	Hypoxia impairs the arousal response to external resistive loading and airway occlusion during sleep. *Sleep*, **2006**, 29, 624-31	1.1	44
4	Sustained hypoxia depresses sensory processing of respiratory resistive loads. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 1047-54	10.2	28
3	Changes in respiration in NREM sleep in hypercapnic chronic obstructive pulmonary disease. *Journal of Physiology*, **2004**, 559, 663-73	3.9	30
2	Hypoxia suppresses symptom perception in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 1224-30	10.2	46
1	Ventilatory response to brief arousal from non-rapid eye movement sleep is greater in men than in women. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 168, 1512-9	10.2	68