David Wang

List of Publications by Citations

44 papers	1,530 citations	19 h-index	39 g-index
47 ext. papers	1,749 ext. citations	4.5 avg, IF	4.42 L-index

#	Paper	IF	Citations
44	Central sleep apnea in stable methadone maintenance treatment patients. *Chest*, **2005**, 128, 1348-56	5.3	266
43	Opioids, sleep architecture and sleep-disordered breathing. *Sleep Medicine Reviews*, **2007**, 11, 35-46	10.2	211
42	Randomised trial of CPAP vs bilevel support in the treatment of obesity hypoventilation syndrome without severe nocturnal desaturation. *Thorax*, **2008**, 63, 395-401	7.3	188
41	Ventilatory responses to hypoxia and hypercapnia in stable methadone maintenance treatment patients. *Chest*, **2005**, 128, 1339-47	5.3	90
40	Physiology in medicine: obstructive sleep apnea pathogenesis and treatment--considerations beyond airway anatomy. *Journal of Applied Physiology*, **2014**, 116, 3-12	3.7	61
39	The effects of testosterone on ventilatory responses in men with obstructive sleep apnea: a randomised, placebo-controlled trial. *Journal of Sleep Research*, **2013**, 22, 331-6	5.8	44
38	The effects of a single mild dose of morphine on chemoreflexes and breathing in obstructive sleep apnea. *Respiratory Physiology and Neurobiology*, **2013**, 185, 526-32	2.8	38
37	Phenotyping interindividual variability in obstructive sleep apnoea response to temazepam using ventilatory chemoreflexes during wakefulness. *Journal of Sleep Research*, **2011**, 20, 526-32	5.8	38
36	Sleep-disordered breathing with chronic opioid use. *Expert Opinion on Drug Safety*, **2007**, 6, 641-9	4.1	38
35	Quantitative sleep EEG and polysomnographic predictors of driving simulator performance in obstructive sleep apnea. *Clinical Neurophysiology*, **2016**, 127, 1428-1435	4.3	36
34	Quantitative electroencephalogram measures in adult obstructive sleep apnea - Potential biomarkers of neurobehavioural functioning. *Sleep Medicine Reviews*, **2017**, 36, 29-42	10.2	36
33	Subjective Daytime Sleepiness and Daytime Function in Patients on Stable Methadone Maintenance Treatment: Possible Mechanisms. *Journal of Clinical Sleep Medicine*, **2008**, 04, 557-562	3.1	33
32	Comparing the effect of hypercapnia and hypoxia on the electroencephalogram during wakefulness. *Clinical Neurophysiology*, **2015**, 126, 103-9	4.3	32
31	Hypercapnia is a key correlate of EEG activation and daytime sleepiness in hypercapnic sleep disordered breathing patients. *Journal of Clinical Sleep Medicine*, **2014**, 10, 517-22	3.1	32
30	The Validity of Wrist Actimetry Assessment of Sleep With and Without Sleep Apnea. *Journal of Clinical Sleep Medicine*, **2008**, 04, 450-455	3.1	31
29	Scoring polysomnography respiratory events: the utility of nasal pressure and oro-nasal thermal sensor recordings. *Sleep Medicine*, **2003**, 4, 419-25	4.6	28
28	Changes in Regional Adiposity and Cardio-Metabolic Function Following a Weight Loss Program with Sibutramine in Obese Men with Obstructive Sleep Apnea. *Journal of Clinical Sleep Medicine*, **2009**, 05, 416-421	3.1	28

27	Short-term hypoxia reduces arterial stiffness in healthy men. *European Journal of Applied Physiology* , **2009**, 105, 19-25	3.4	25
26	Cardiorespiratory function in stable methadone maintenance treatment (MMT) patients. *Addiction Biology*, **2004**, 9, 247-53	4.6	22
25	Hypercapnia is more important than hypoxia in the neuro-outcomes of sleep-disordered breathing. *Journal of Applied Physiology*, **2016**, 120, 1484	3.7	19
24	Sleep-disordered breathing and psychiatric disorders. *Current Psychiatry Reports*, **2014**, 16, 519	9.1	19
23	Association between ventilatory response to hypercapnia and obstructive sleep apnea-hypopnea index in asymptomatic subjects. *Sleep and Breathing*, **2007**, 11, 103-8	3.1	19
22	Cardiorespiratory function in stable methadone maintenance treatment (MMT) patients. *Addiction Biology*, **2004**, 9, 247-253	4.6	18
21	Subjective daytime sleepiness and daytime function in patients on stable methadone maintenance treatment: possible mechanisms. *Journal of Clinical Sleep Medicine*, **2008**, 4, 557-62	3.1	18
20	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
19	Slow wave sleep in patients with respiratory failure. *Sleep Medicine*, **2011**, 12, 378-83	4.6	17
18	The validity of wrist actimetry assessment of sleep with and without sleep apnea. *Journal of Clinical Sleep Medicine*, **2008**, 4, 450-5	3.1	17
17	Modafinil Increases Awake EEG Activation and Improves Performance in Obstructive Sleep Apnea during Continuous Positive Airway Pressure Withdrawal. *Sleep*, **2015**, 38, 1297-303	1.1	16
16	Obesity Hypoventilation Syndrome: Early Detection of Nocturnal-Only Hypercapnia in an Obese Population. *Journal of Clinical Sleep Medicine*, **2018**, 14, 1477-1484	3.1	15
15	Predicting response to oxygen therapy in obstructive sleep apnoea patients using a 10-minute daytime test. *European Respiratory Journal*, **2018**, 51,	13.6	14
14	Respiratory Variability during Sleep in Methadone Maintenance Treatment Patients. *Journal of Clinical Sleep Medicine*, **2016**, 12, 607-16	3.1	12
13	Drug effects on ventilatory control and upper airway physiology related to sleep apnea. *Respiratory Physiology and Neurobiology*, **2013**, 188, 257-66	2.8	10
12	Morphine alters respiratory control but not other key obstructive sleep apnoea phenotypes: a randomised trial. *European Respiratory Journal*, **2020**, 55,	13.6	8
11	Reversal of central sleep apnoea with change from methadone to buprenorphine-naloxone: a case report. *European Respiratory Journal*, **2015**, 46, 1202-5	13.6	8
10	The effect of acute exposure to morphine on breathing variability and cardiopulmonary coupling in men with obstructive sleep apnea: A randomized controlled trial. *Journal of Sleep Research*, **2020**, 29, e12930	5.8	7

9	Chronic Opioid Use and Central Sleep Apnea, Where Are We Now and Where To Go? A State of the Art Review. *Anesthesia and Analgesia*, **2021**, 132, 1244-1253	3.9	5
8	Slow-frequency electroencephalography activity during wake and sleep in obesity hypoventilation syndrome. *Sleep*, **2020**, 43,	1.1	4
7	Sleep-disordered breathing-related neurocognitive impairment, time to think beyond hypoxia and sleep fragmentation?. *Sleep and Breathing*, **2015**, 19, 23-4	3.1	2
6	Last Word on Viewpoint: Hypercapnia is more important than hypoxia in the neuro-outcomes of sleep-disordered breathing. *Journal of Applied Physiology*, **2016**, 120, 1489	3.7	1
5	Linking awake ventilatory chemosensitivity with opioid-induced respiratory depression during sleep-an important, but not a new, concept. *Journal of Applied Physiology*, **2020**, 129, 932	3.7	1
4	Prevalence of chronic kidney disease in obesity hypoventilation syndrome and obstructive sleep apnoea with severe obesity. *Sleep Medicine*, **2020**, 74, 73-77	4.6	0
3	The effect of acute morphine on sleep in male patients suffering from sleep apnea: Is there a genetic effect? An RCT Study. *Journal of Sleep Research*, **2021**, 30, e13249	5.8	0
2	Positive airway pressure therapy for chronic pain in patients with obstructive sleep apnea-a systematic review. *Sleep and Breathing*, **2021**, 1	3.1	0
1	Response to Brugniaux, Foster, and Beaudin. *Journal of Applied Physiology*, **2016**, 121, 363	3.7	