

Luigi Taranto-Montemurro

List of Publications by Year in descending order

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63
papers

2,629
citations

186209

28
h-index

197736

49
g-index

63
all docs

63
docs citations

63
times ranked

1553
citing authors

#	ARTICLE	IF	CITATIONS
1	The hypoxic burden of sleep apnoea predicts cardiovascular disease-related mortality: the Osteoporotic Fractures in Men Study and the Sleep Heart Health Study. <i>European Heart Journal</i> , 2019, 40, 1149-1157.	1.0	412
2	The Combination of Atomoxetine and Oxybutynin Greatly Reduces Obstructive Sleep Apnea Severity. A Randomized, Placebo-controlled, Double-Blind Crossover Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1267-1276.	2.5	191
3	Phenotyping Pharyngeal Pathophysiology using Polysomnography in Patients with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1187-1197.	2.5	173
4	Quantifying the Arousal Threshold Using Polysomnography in Obstructive Sleep Apnea. <i>Sleep</i> , 2018, 41, .	0.6	119
5	Identifying obstructive sleep apnoea patients responsive to supplemental oxygen therapy. <i>European Respiratory Journal</i> , 2018, 52, 1800674.	3.1	96
6	Desipramine improves upper airway collapsibility and reduces OSA severity in patients with minimal muscle compensation. <i>European Respiratory Journal</i> , 2016, 48, 1340-1350.	3.1	95
7	The Sleep Apnea-Specific Hypoxic Burden Predicts Incident Heart Failure. <i>Chest</i> , 2020, 158, 739-750.	0.4	93
8	The Sleep Apnea-Specific Pulse-Rate Response Predicts Cardiovascular Morbidity and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1546-1555.	2.5	88
9	Effects of the Combination of Atomoxetine and Oxybutynin on OSA Endotypic Traits. <i>Chest</i> , 2020, 157, 1626-1636.	0.4	76
10	Desipramine Increases Genioglossus Activity and Reduces Upper Airway Collapsibility during Non-REM Sleep in Healthy Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 878-885.	2.5	74
11	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
12	Inverse Relationship of Subjective Daytime Sleepiness to Sympathetic Activity in Patients With Heart Failure and Obstructive Sleep Apnea. <i>Chest</i> , 2012, 142, 1222-1228.	0.4	62
13	Predicting epiglottic collapse in patients with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2017, 50, 1700345.	3.1	57
14	Attenuation of Obstructive Sleep Apnea and Overnight Rostral Fluid Shift by Physical Activity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 856-858.	2.5	51
15	A Randomized, Double Crossover Study to Investigate the Influence of Saline Infusion on Sleep Apnea Severity in Men. <i>Sleep</i> , 2014, 37, 1699-1705.	0.6	50
16	Breath-holding as a means to estimate the loop gain contribution to obstructive sleep apnoea. <i>Journal of Physiology</i> , 2018, 596, 4043-4056.	1.3	48
17	Reboxetine Plus Oxybutynin for OSA Treatment. <i>Chest</i> , 2022, 161, 237-247.	0.4	47
18	Contrasting Effects of Lower Body Positive Pressure on Upper Airways Resistance and Partial Pressure of Carbon Dioxide in Men With Heart Failure and Obstructive or Central Sleep Apnea. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1157-1166.	1.2	43

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19	Estimation of Pharyngeal Collapsibility During Sleep by Peak Inspiratory Airflow. <i>Sleep</i> , 2017, 40, .	0.6	43
20	Relationship of Heart Rate Variability to Sleepiness in Patients with Obstructive Sleep Apnea with and without Heart Failure. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 271-276.	1.4	40
21	Predicting sleep apnea responses to oral appliance therapy using polysomnographic airflow. <i>Sleep</i> , 2020, 43, .	0.6	38
22	Effect of Sleeping Position on Upper Airway Patency in Obstructive Sleep Apnea Is Determined by the Pharyngeal Structure Causing Collapse. <i>Sleep</i> , 2017, 40, .	0.6	37
23	Structure and severity of pharyngeal obstruction determine oral appliance efficacy in sleep apnoea. <i>Journal of Physiology</i> , 2019, 597, 5399-5410.	1.3	37
24	Quantifying the magnitude of pharyngeal obstruction during sleep using airflow shape. <i>European Respiratory Journal</i> , 2019, 54, 1802262.	3.1	36
25	Cardiac Sympathetic Hyperactivity in Patients with Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnea. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 706-711.	0.7	35
26	Short- and long-term effects of CPAP on upper airway anatomy and collapsibility in OSAH. <i>Sleep and Breathing</i> , 2009, 13, 187-193.	0.9	34
27	Different antimuscarinics when combined with atomoxetine have differential effects on obstructive sleep apnea severity. <i>Journal of Applied Physiology</i> , 2021, 130, 1373-1382.	1.2	31
28	Palatal prolapse as a signature of expiratory flow limitation and inspiratory palatal collapse in patients with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2018, 51, 1701419.	3.1	30
29	Ventilatory Drive Withdrawal Rather Than Reduced Genioglossus Compensation as a Mechanism of Obstructive Sleep Apnea in REM Sleep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 219-232.	2.5	29
30	Influence of Rostral Fluid Shift on Upper Airway Size and Mucosal Water Content. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 1069-1074.	1.4	24
31	Addition of zolpidem to combination therapy with atomoxetine&oxybutynin increases sleep efficiency and the respiratory arousal threshold in obstructive sleep apnoea: A randomized trial. <i>Respirology</i> , 2021, 26, 878-886.	1.3	24
32	Oronasal masks require higher levels of positive airway pressure than nasal masks to treat obstructive sleep apnea. <i>Sleep and Breathing</i> , 2014, 18, 845-849.	0.9	23
33	Neural ventilatory drive decline as a predominant mechanism of obstructive sleep apnoea events. <i>Thorax</i> , 2022, 77, 707-716.	2.7	23
34	Phenotyping-based treatment improves obstructive sleep apnea symptoms and severity: a pilot study. <i>Sleep and Breathing</i> , 2017, 21, 861-868.	0.9	22
35	Hypoxic burden captures sleep apnoea-specific nocturnal hypoxaemia. <i>European Heart Journal</i> , 2019, 40, 2989-2990.	1.0	21
36	Differential Timing of Arousals in Obstructive and Central Sleep Apnea in Patients with Heart Failure. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 773-779.	1.4	20

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37	When do gender differences begin in obstructive sleep apnea patients?. <i>Journal of Thoracic Disease</i> , 2019, 11, S1147-S1149.	0.6	20
38	Effects of Tiagabine on Slow Wave Sleep and Arousal Threshold in Patients With Obstructive Sleep Apnea. <i>Sleep</i> , 2017, 40, .	0.6	19
39	Effects on small airway obstruction of long-term treatments with beclomethasone/formoterol hydrofluoroalkane (metered-dose inhaler) versus fluticasone/salmeterol (dry-powder inhaler) in asthma: A preliminary study. <i>Allergy and Asthma Proceedings</i> , 2011, 32, 29-34.	1.0	18
40	Clinical polysomnographic methods for estimating pharyngeal collapsibility in obstructive sleep apnea. <i>Sleep</i> , 2022, 45, .	0.6	18
41	Retropalatal and retroglossal airway compliance in patients with obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2018, 258, 98-103.	0.7	17
42	Upper airway muscles: influence on obstructive sleep apnoea pathophysiology and pharmacological and technical treatment options. <i>Current Opinion in Pulmonary Medicine</i> , 2021, 27, 505-513.	1.2	16
43	Broadband Sound Administration Improves Sleep Onset Latency in Healthy Subjects in a Model of Transient Insomnia. <i>Frontiers in Neurology</i> , 2017, 8, 718.	1.1	14
44	Effect of 4-Aminopyridine on Genioglossus Muscle Activity during Sleep in Healthy Adults. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1177-1183.	1.5	13
45	Neural memory of the genioglossus muscle during sleep is stage-dependent in healthy subjects and obstructive sleep apnoea patients. <i>Journal of Physiology</i> , 2018, 596, 5163-5173.	1.3	11
46	Relationship Between Critical Pressure and Volume Exhaled During Negative Pressure in Awake Subjects With Sleep-Disordered Breathing. <i>Chest</i> , 2010, 137, 1304-1309.	0.4	10
47	Dose-response curve to salbutamol during acute and chronic treatment with formoterol in COPD. <i>International Journal of COPD</i> , 2011, 6, 399.	0.9	10
48	Effects of CPAP on systemic hypertension in OSAH: A monocentric, observational, cohort study. <i>Respiratory Medicine</i> , 2012, 106, 1329-1334.	1.3	10
49	Loop gain in REM versus non-REM sleep using CPAP manipulation: A pilot study. <i>Respirology</i> , 2019, 24, 805-808.	1.3	10
50	Stable Breathing in Patients With Obstructive Sleep Apnea Is Associated With Increased Effort but Not Lowered Metabolic Rate. <i>Sleep</i> , 2017, 40, .	0.6	9
51	Impact of cold and flu medication on obstructive sleep apnoea and its underlying traits: A pilot randomized controlled trial. <i>Respirology</i> , 2021, 26, 485-492.	1.3	9
52	Lung air trapping lowers respiratory arousal threshold and contributes to sleep apnea pathogenesis in COPD patients with overlap syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2020, 271, 103315.	0.7	7
53	Predictors of nocturnal oxyhemoglobin desaturation in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 192-197.	0.7	6
54	Inverse relationship of subjective daytime sleepiness to mortality in heart failure patients with sleep apnoea. <i>ESC Heart Failure</i> , 2020, 7, 2448-2454.	1.4	6

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55	The upper airway in sleep-disordered breathing: UA in SDB. <i>Minerva Medica</i> , 2014, 105, 25-40.	0.3	5
56	Reply: Is the Muscle the Only Potential Target of Desipramine in Obstructive Sleep Apnea Syndrome?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1678-1679.	2.5	4
57	The Combination of Betahistine and Oxybutynin Increases Respiratory Control Sensitivity (Loop Gain) in People with Obstructive Sleep Apnea: A Randomized, Placebo-Controlled Trial. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1063-1074.	1.4	4
58	Prolonged Circulation Time Is Associated With Mortality Among Older Men With Sleep-Disordered Breathing. <i>Chest</i> , 2021, 159, 1610-1620.	0.4	3
59	Influence of upper airway size on volume exhaled under negative pressure during evaluation of upper airway collapsibility. <i>Sleep and Breathing</i> , 2012, 16, 399-404.	0.9	2
60	The enigma of severe obstructive sleep apnea without sleepiness. <i>Journal of Clinical Hypertension</i> , 2019, 21, 397-398.	1.0	2
61	Reply to Patel and Althouse: Robust Methods Are Needed to Evaluate the Pharmacologic Treatment of Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1295-1296.	2.5	0
62	LUNG AIR TRAPPING LOWERS RESPIRATORY AROUSAL THRESHOLD AND CONTRIBUTES TO SLEEP APNEA PATHOGENESIS IN PATIENTS WITH OVERLAP SYNDROME. <i>Chest</i> , 2019, 155, 317A.	0.4	0
63	Response. <i>Chest</i> , 2021, 159, 2118-2119.	0.4	0