Carolina Lombardi

List of Publications by Year
in descending order

112	4,454	108046	124990
papers	citations	37 h-index	64 g-index

115	115	115	5841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reboxetine Plus Oxybutynin for OSA Treatment. Chest, 2022, 161, 237-247.	0.4	47
2	Quantum Biology Research Meets Pathophysiology and Therapeutic Mechanisms: A Biomedical Perspective. Quantum Reports, 2022, 4, 148-172.	0.6	6
3	Heart Rate Variability from Wearable Photoplethysmography Systems: Implications in Sleep Studies at High Altitude. Sensors, 2022, 22, 2891.	2.1	6
4	Obstructive Sleep Apnea and Adherence to Continuous Positive Airway Pressure (CPAP) Treatment: Letâ€™s Talk about Partners!. Healthcare (Switzerland), 2022, 10, 943.	1.0	7
5	Epidemiology, Physiology and Clinical Approach to Sleepiness at the Wheel in OSA Patients: A Narrative Review. Journal of Clinical Medicine, 2022, 11, 3691.	1.0	10
6	Nocturnal hypoxemia, blood pressure, vascular status and chronic mountain sickness in the highest city in the world. Annals of Medicine, 2022, 54, 1884-1893.	1.5	6
7	Clusters of sleep apnoea phenotypes: A large panâ€European study from the European Sleep Apnoea Database (ESADA). Respirology, 2021, 26, 378-387.	1.3	34
8	Impact of Sleep Apnea on Cardioembolic Risk in Patients With Atrial Fibrillation. Stroke, 2021, 52, 712-715.	1.0	10
9	An Internet of Medical Things System to Increase Continuous Positive Airway Pressure Usage in Patients with Sleep-Disordered Breathing. SN Computer Science, 2021, 2, 1.	2.3	0
10	Diagnostic and Therapeutic Approach to Sleep Disorders, High Blood Pressure and Cardiovascular Diseases: A Consensus Document by the Italian Society of Hypertension (SIIA). High Blood Pressure and Cardiovascular Prevention, 2021, 28, 85-102.	1.0	15
11	The ANDANTE Project: A Worldwide Individual Data Meta-Analysis of the Effect of Sleep Apnea Treatment on Blood Pressure. Archivos De Bronconeumologia, 2021, 57, 673-676.	0.4	4
12	Current challenges for hypertension management: From better hypertension diagnosis to improved patients' adherence and blood pressure control. International Journal of Cardiology, 2021, 331, 262-269.	0.8	36
13	Effects of insomnia and restless legs syndrome on sleep arterial blood pressure: A systematic review and meta-analysis. Sleep Medicine Reviews, 2021, 59, 101497.	3.8	19
14	Unique sleepâ€stage transitions determined by obstructive sleep apnea severity, age and gender. Journal of Sleep Research, 2020, 29, e12895.	1.7	8
15	Comorbidities in chronic heart failure: An update from Italian Society of Cardiology (SIC) Working Group on Heart Failure. European Journal of Internal Medicine, 2020, 71, 23-31.	1.0	29
16	Effects of acute exposure to moderate altitude on blood pressure and sleep breathing patterns. International Journal of Cardiology, 2020, 301, 173-179.	0.8	17
17	Periodic limb movements during sleep and blood pressure changes in sleep apnoea: Data from the European Sleep Apnoea Database. Respirology, 2020, 25, 872-879.	1.3	8
18	Treating sleep disorders to improve blood pressure control and cardiovascular prevention: a dream come true?â€”a narrative review. Journal of Thoracic Disease, 2020, 12, S225-S234.	0.6	10

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19	Mild obstructive sleep apnea increases hypertension risk, challenging traditional severity classification. Journal of Clinical Sleep Medicine, 2020, 16, 889-898.	1.4	37
20	Safe sleep apnea tests during Covid-19 pandemic: a new practical proposal. Sleep Medicine, 2020, 75, 341-342.	0.8	5
21	Nocturnal Arrhythmias and Heartâ€Rate Swings in Patients With Obstructive Sleep Apnea Syndrome Treated With Beta Blockers. Journal of the American Heart Association, 2020, 9, e015926.	1.6	4
22	Obstructive sleep apnoea treatment and blood pressure: which phenotypes predict a response? A systematic review and meta-analysis. European Respiratory Journal, 2020, 55, 1901945.	3.1	99
23	Obstructive sleep apnea syndrome and autonomic dysfunction. Autonomic Neuroscience: Basic and Clinical, 2019, 221, 102563.	1.4	60
24	Hypertension and atrial fibrillation in obstructive sleep apnea: Is it a menopause issue?. Maturitas, 2019, 124, 32-34.	1.0	4
25	Menopause and Sleep Apnea. Maturitas, 2019, 124, 35-38.	1.0	46
26	Obstructive Sleep Apnea and Hypertension: Why Treatment Does Not Consistently Improve Blood Pressure. Current Hypertension Reports, 2019, 21, 30.	1.5	14
27	Blood pressure variability and obstructive sleep apnea. A question of phenotype?. Hypertension Research, 2019, 42, 27-28.	1.5	4
28	Sleep Disturbances/Sleep Apnea. Updates in Hypertension and Cardiovascular Protection, 2018, , 259-287.	0.1	0
29	Impact of obstructive sleep apnea on cardiac organ damage in patients with acute ischemic stroke. Journal of Hypertension, 2018, 36, 1351-1359.	0.3	7
30	Effect of continuous positive airway pressure in hypertensive patients with obstructive sleep apnea and high urinary metanephrines. Journal of Hypertension, 2018, 36, 199-204.	0.3	10
31	Systemic hypertension in obstructive sleep apnea. Journal of Thoracic Disease, 2018, 10, S4231-S4243.	0.6	35
32	Heart failure and sleep related breathing disorders: Data from PROMISES (Progetto Multicentrico) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	8
33	Comprehensive effects of left ventricular assist device speed changes on alveolar gas exchange, sleep ventilatory pattern, and exercise performance. Journal of Heart and Lung Transplantation, 2018, 37, 1361-1371.	0.3	33
34	Qualitative and quantitative evaluation of a new wearable device for ECG and respiratory Holter monitoring. International Journal of Cardiology, 2018, 272, 231-237.	0.8	29
35	Upward Shift and Steepening of the Blood Pressure Response to Exercise in Hypertensive Subjects at High Altitude. Journal of the American Heart Association, 2018, 7, .	1.6	8
36	Reninâ€“Angiotensinâ€“Aldosterone System Is Not Involved in the Arterial Stiffening Induced by Acute and Prolonged Exposure to High Altitude. Hypertension, 2017, 70, 75-84.	1.3	12

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37	Central sleep apnea during continuous positive airway pressure therapy in obstructive sleep apnea patients: from the compliance to adaptation, maladaptation and reflexes. Journal of Thoracic Disease, 2017, 9, 4152-4156.	0.6	3
38	Effects of device-guided slow breathing training on exercise capacity, cardiac function and respiratory patterns during sleep in male and female patients with chronic heart failure. Polish Archives of Internal Medicine, 2017, 127, 8-15.	0.3	6
39	Obstructive Sleep Apnea Syndrome (OSAS) and Cardiovascular System. Medicina Del Lavoro, 2017, 108, 276-282.	0.3	26
40	Management of heart failure in the new era. Journal of Cardiovascular Medicine, 2016, 17, 569-580.	0.6	9
41	Chronic kidney disease in European patients with obstructive sleep apnea: the <scp>ESADA</scp> cohort study. Journal of Sleep Research, 2016, 25, 739-745.	1.7	59
42	Treatment of central sleep apnea in heart failure patients: Benefit or harm?. International Journal of Cardiology, 2016, 214, 254-255.	0.8	1
43	Heart failure and sleep disorders. Nature Reviews Cardiology, 2016, 13, 389-403.	6.1	103
44	Effects of hypobaric hypoxia exposure at high altitude on left ventricular twist in healthy subjects: data from HIGHCARE study on Mount Everest. European Heart Journal Cardiovascular Imaging, 2016, 17, 635-643.	0.5	27
45	Sleep Apnea. Updates in Hypertension and Cardiovascular Protection, 2016, , 89-118.	0.1	0
46	Acute Increase of CardiacÂOutput Reduces Central Sleep Apneas in Heart Failure Patients. Journal of the American College of Cardiology, 2015, 66, 2571-2572.	1.2	13
47	Sex and Acetazolamide Effects on Chemoreflex and Periodic Breathing During Sleep at Altitude. Chest, 2015, 147, 120-131.	0.4	46
48	Aging, High Altitude, and Blood Pressure: A Complex Relationship. High Altitude Medicine and Biology, 2015, 16, 97-109.	0.5	39
49	Ambulatory Blood Pressure in Untreated and Treated Hypertensive Patients at High Altitude. Hypertension, 2015, 65, 1266-1272.	1.3	60
50	Diastolic dysfunction in controlled hypertensive patients with mildâ€“moderate obstructive sleep apnea. International Journal of Cardiology, 2015, 187, 686-692.	0.8	19
51	Blood Pressure Variability: Assessment, Predictive Value, and Potential as a Therapeutic Target. Current Hypertension Reports, 2015, 17, 537.	1.5	159
52	Ethnic Differences in the Degree of Morning Blood Pressure Surge and in Its Determinants Between Japanese and European Hypertensive Subjects. Hypertension, 2015, 66, 750-756.	1.3	96
53	Wearable seismocardiography for the beat-to-beat assessment of cardiac intervals during sleep. , 2014, 2014, 6089-91.		8
54	Characterization of apnea events in sleep breathing disorder by local assessment of the fractal dimension of heart rate. , 2014, , .		0

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55	Driving habits and risk factors for traffic accidents among sleep apnea patients â€“ a <scp>E</scp>uropean multiâ€centre cohort study. Journal of Sleep Research, 2014, 23, 689-699.	1.7	46
56	Is intensified diuretic therapy an effective new treatment strategy in obstructive sleep apnoea patients with uncontrolled hypertension?. Journal of Hypertension, 2014, 32, 484-486.	0.3	0
57	Cardiovascular Disorders. , 2014, , 249-257.		0
58	Is daytime siesta a harmful habit?. Journal of Hypertension, 2014, 32, 1959-1961.	0.3	1
59	Changes in 24 h ambulatory blood pressure and effects of angiotensin II receptor blockade during acute and prolonged high-altitude exposure: a randomized clinical trial. European Heart Journal, 2014, 35, 3113-3122.	1.0	97
60	Wearable Seismocardiography: Towards the beat-to-beat assessment of cardiac mechanics during sleep in microgravity. , 2014, , .		7
61	Obstructive sleep apnea syndrome as a cause of resistant hypertension. Hypertension Research, 2014, 37, 601-613.	1.5	71
62	Fractal analysis of cardiorespiratory signals for sleep stage classification. , 2014, , .		2
63	Secondary Hypertension. , 2013, , 99-106.		0
64	Assessment and management of blood-pressure variability. Nature Reviews Cardiology, 2013, 10, 143-155.	6.1	645
65	Recommendations for the management of patients with obstructive sleep apnoea and hypertension. European Respiratory Journal, 2013, 41, 523-538.	3.1	190
66	Assessment and interpretation of blood pressure variability in a clinical setting. Blood Pressure, 2013, 22, 345-354.	0.7	25
67	Acute high-altitude exposure reduces lung diffusion: Data from the HIGHCARE Alps project. Respiratory Physiology and Neurobiology, 2013, 188, 223-228.	0.7	42
68	Effects of acetazolamide on central blood pressure, peripheral blood pressure, and arterial distensibility at acute high altitude exposure. European Heart Journal, 2013, 34, 759-766.	1.0	74
69	Changes in Subendocardial Viability Ratio With Acute High-Altitude Exposure and Protective Role of Acetazolamide. Hypertension, 2013, 61, 793-799.	1.3	38
70	Prognostic Value of Blood Pressure Variability and Average Blood Pressure Levels in Patients With Hypertension and Diabetes. Diabetes Care, 2013, 36, S312-S324.	4.3	130
71	Cotinine and Blood Pressure Levels: Variability Omitted Once Again. Hypertension, 2013, 61, e41.	1.3	2
72	Combined Exercise Training in Postmenopausal Women: Implications for Vascular Hemodynamics. Journal of Clinical Hypertension, 2013, 15, 221-223.	1.0	0

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73	A Patientâ€Centric Webâ€Based Approach to Improve Hypertension Management: A Lesson Learned From Postmenopausal Women. Journal of Clinical Hypertension, 2013, 15, 528-529.	1.0	0
74	Weight and Blood Pressure Changes in High Vascular Risk Patients. Journal of Clinical Hypertension, 2013, 15, 453-454.	1.0	0
75	Highâ€altitude hypoxia and periodic breathing during sleep: genderâ€related differences. Journal of Sleep Research, 2013, 22, 322-330.	1.7	82
76	Wake-up stroke and TIA due to paradoxical embolism during long obstructive sleep apnoeas: a cross-sectional study. Thorax, 2013, 68, 97-104.	2.7	39
77	Glucose Tolerance and Weight Loss in Obese Women with Obstructive Sleep Apnea. PLoS ONE, 2013, 8, e61382.	1.1	11
78	Why excessive sleepiness may persist in OSA patients receiving adequate CPAP treatment. European Respiratory Journal, 2012, 39, 226-227.	3.1	5
79	Sleep patterns and high blood pressure. Journal of Hypertension, 2012, 30, 1313-1314.	0.3	1
80	Position paper on the management of patients with obstructive sleep apnea and hypertension. Journal of Hypertension, 2012, 30, 633-646.	0.3	179
81	Modulation of urinary peptidome in humans exposed to high altitude hypoxia. Molecular BioSystems, 2012, 8, 959-966.	2.9	13
82	Baroreflex modulation during sleep and in obstructive sleep apnea syndrome. Autonomic Neuroscience: Basic and Clinical, 2012, 169, 7-11.	1.4	56
83	Effects of Slow Deep Breathing at High Altitude on Oxygen Saturation, Pulmonary and Systemic Hemodynamics. PLoS ONE, 2012, 7, e49074.	1.1	51
84	Management of obstructive sleep apnea in Europe. Sleep Medicine, 2011, 12, 190-197.	0.8	53
85	Effects of selective and nonselective beta-blockade on 24-h ambulatory blood pressure under hypobaric hypoxia at altitude. Journal of Hypertension, 2011, 29, 380-387.	0.3	41
86	Cardiovascular and noncardiovascular comorbidities in patients with chronic heart failure. Journal of Cardiovascular Medicine, 2011, 12, 76-84.	0.6	56
87	Modulation of hepcidin production during hypoxia-induced erythropoiesis in humans in vivo: data from the HIGHCARE project. Blood, 2011, 117, 2953-2959.	0.6	128
88	High-altitude exposure of three weeks duration increases lung diffusing capacity in humans. Journal of Applied Physiology, 2011, 110, 1564-1571.	1.2	45
89	Assessing the fractal structure of heart rate by the temporal spectrum of scale exponents: a new approach for detrended fluctuation analysis of heart rate variability. Biomedizinische Technik, 2011, 56, 175-183.	0.9	29
90	The European Sleep Apnoea Database (ESADA): report from 22 European sleep laboratories. European Respiratory Journal, 2011, 38, 635-642.	3.1	123

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91	Effects of continuous positive airway pressure therapy on hypertension control in patients with sleep-related breathing disorders: available evidence and unresolved issues. Journal of Hypertension, 2010, 28, 2012-2015.	0.3	4
92	Textile Technology for the Vital Signs Monitoring in Telemedicine and Extreme Environments. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 711-717.	3.6	67
93	Linear and Fractal Heart Rate Dynamics during Sleep at High Altitude. Methods of Information in Medicine, 2010, 49, 521-525.	0.7	14
94	Sleepwalking in Italian Operas: A Window on Popular and Scientific Knowledge on Sleep Disorders in the 19th Century. European Neurology, 2010, 63, 116-121.	0.6	28
95	Continuous positive airway pressure increases haemoglobin O2 saturation after acute but not prolonged altitude exposure. European Heart Journal, 2010, 31, 457-463.	1.0	26
96	Sex and age differences in the relationship between sleep duration and hypertension. Journal of Hypertension, 2010, 28, 883-886.	0.3	8
97	Control of Hypertension in Nonsleepy Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 650-652.	2.5	9
98	Autonomic Arousals in Sleep Related Breathing Disorders: A Link Between Daytime Somnolence and Hypertension?. Sleep, 2009, 32, 843-844.	0.6	5
99	Intracranial and intraspinal hemorrhage following spinal anesthesia. Neurological Sciences, 2009, 30, 393-396.	0.9	40
100	Cardiovascular regulation and cardiovascular diseases: what can sleep teach us?. Journal of Hypertension, 2009, 27, 1533-1535.	0.3	2
101	Obstructive sleep apnea syndrome: a cause of acute delirium. Journal of Clinical Sleep Medicine, 2009, 5, 569-70.	1.4	8
102	Daytime sleepiness and neural cardiac modulation in sleepâ€related breathing disorders. Journal of Sleep Research, 2008, 17, 263-270.	1.7	96
103	What are the causes of excessive daytime sleepiness in patients with sleep-disordered breathing?. European Respiratory Journal, 2008, 32, 526-527.	3.1	17
104	Sleep apnea: epidemiology, pathophysiology, and relation to cardiovascular risk. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1671-R1683.	0.9	168
105	Secondary Hypertension: Sleep Apnea. , 2007, , 134-143.		2
106	Autonomic Cardiac Modulation in Obstructive Sleep Apnea. Chest, 2006, 130, 1362-1368.	0.4	53
107	Chapter 29 Sleep and autonomic nervous system dysfunction. Handbook of Clinical Neurophysiology, 2005, 6, 343-353.	0.0	9
108	A pilot double-blind placebo-controlled trial of low-dose pramipexole in sleep-related eating disorder. European Journal of Neurology, 2005, 12, 432-436.	1.7	86

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109	Insomnia in Neurological Diseases. Seminars in Neurology, 2005, 25, 81-89.	0.5	26
110	Status dissociatus after surgery for tegmental ponto-mesencephalic cavernoma: A state-dependent disorder of motor control during sleep. Movement Disorders, 2004, 19, 719-724.	2.2	65
111	Restless legs syndrome: an historical note. Sleep Medicine, 2004, 5, 279-283.	0.8	39
112	Pelvic movements as rhythmic motor manifestation associated with restless legs syndrome. Movement Disorders, 2003, 18, 110-113.	2.2	32