

Jean Louis Pepin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

5,699
citations

40
h-index

71
g-index

204
ext. papers

7,906
ext. citations

5.6
avg, IF

5.81
L-index

#	Paper	IF	Citations
166	Sleep apnoea and ischaemic stroke: current knowledge and future directions.. <i>Lancet Neurology, The</i> , 2022 , 21, 78-88	24.1	3
165	Assessment of the effect of the dual orexin receptor antagonist daridorexant on various indices of disease severity in patients with mild to moderate obstructive sleep apnea.. <i>Sleep Medicine</i> , 2022 , 92, 4-11	4.6	0
164	Digital markers of sleep architecture to characterize the impact of different lockdown regimens on sleep health during the COVID-19 pandemic.. <i>Sleep</i> , 2022 ,	1.1	1
163	Mandibular Movements are a Reliable Noninvasive Alternative to Esophageal Pressure for Measuring Respiratory Effort in Patients with Sleep Apnea Syndrome.. <i>Nature and Science of Sleep</i> , 2022 , 14, 635-644	3.6	0
162	Machine learning and geometric morphometrics to predict obstructive sleep apnea from 3D craniofacial scans.. <i>Sleep Medicine</i> , 2022 , 95, 76-83	4.6	0
161	Letter to the editor of "Sleep Medicine" regarding the publication entitled "Acoustic stimulation time-locked to the beginning of sleep apnea events reduces oxygen desaturations: a pilot-study", by Waeber et'al. <i>Sleep Medicine</i> , 2021 ,	4.6	
160	Hidden Markov model segmentation to demarcate trajectories of residual apnoea-hypopnoea index in CPAP-treated sleep apnoea patients to personalize follow-up and prevent treatment failure.. <i>EPMA Journal</i> , 2021 , 12, 535-544	8.8	1
159	Novel avenues to approach non-CPAP therapy and implement comprehensive OSA care. <i>European Respiratory Journal</i> , 2021 ,	13.6	2
158	Superior hypertension control with betablockade in the European Sleep Apnea Database. <i>Journal of Hypertension</i> , 2021 , 39, 292-301	1.9	0
157	Greatest changes in objective sleep architecture during COVID-19 lockdown in night owls with increased REM sleep. <i>Sleep</i> , 2021 , 44,	1.1	11
156	CPAP Therapy Termination Rates by OSA Phenotype: A French Nationwide Database Analysis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	7
155	Nasal versus oronasal masks for home non-invasive ventilation in patients with chronic hypercapnia: a systematic review and individual participant data meta-analysis. <i>Thorax</i> , 2021 , 76, 1108-1116	17.6	3
154	A randomized sham-controlled trial on the effect of continuous positive airway pressure treatment on gait control in severe obstructive sleep apnea patients. <i>Scientific Reports</i> , 2021 , 11, 9329	4.9	0
153	Apnea-hypopnea index supplied by CPAP devices: time for standardization?. <i>Sleep Medicine</i> , 2021 , 81, 120-122	4.6	2
152	Apnoea-hypopnoea indices determined via continuous positive airway pressure (AHI-CPAP) versus those determined by polysomnography (AHI-PSG): a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021 , 11, e044499	3	1
151	The Impact of the COVID-19 Lockdown on Weight Loss and Body Composition in Subjects with Overweight and Obesity Participating in a Nationwide Weight-Loss Program: Impact of a Remote Consultation Follow-Up-The CO-RNPC Study. <i>Nutrients</i> , 2021 , 13,	6.7	2
150	Automated ventilator technology: More answers and some questions. <i>Respirology</i> , 2021 , 26, 816-817	3.6	

149	Obstructive sleep apnea, chronic obstructive pulmonary disease and NAFLD: an individual participant data meta-analysis. <i>Sleep Medicine</i> , 2021 , 77, 357-364	4.6	8
148	Clusters of sleep apnoea phenotypes: A large pan-European study from the European Sleep Apnoea Database (ESADA). <i>Respirology</i> , 2021 , 26, 378-387	3.6	9
147	Baclofen, insomnia and sleep apnea: a dangerous triad?. <i>Sleep Medicine</i> , 2021 , 79, 224	4.6	
146	Sleep laboratories reopening and COVID-19: a European perspective. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	21
145	Adherence with positive airway pressure therapy for obstructive sleep apnea in developing vs. developed countries: a big data study. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 703-709	3.1	10
144	Pitolisant for Residual Excessive Daytime Sleepiness in OSA Patients Adhering to CPAP: A Randomized Trial. <i>Chest</i> , 2021 , 159, 1598-1609	5.3	12
143	Evaluation of a multicomponent grading system for obstructive sleep apnoea: the Baveno classification. <i>ERJ Open Research</i> , 2021 , 7,	3.5	8
142	Detecting COVID-19 and other respiratory infections in obstructive sleep apnoea patients through CPAP device telemonitoring.. <i>Digital Health</i> , 2021 , 7, 20552076211002957	4	2
141	Effect of early sleep apnoea treatment with adaptive servo-ventilation in acute stroke patients on cerebral lesion evolution and neurological outcomes: study protocol for a multicentre, randomized controlled, rater-blinded, clinical trial (eSATIS: early Sleep Apnoea Treatment in Stroke). <i>Trials</i> , 2021 , 22, 83	2.8	2
140	Continuous positive airway pressure adherence trajectories in sleep apnea: Clustering with summed discrete Fréchet and dynamic time warping dissimilarities. <i>Statistics in Medicine</i> , 2021 , 40, 5373-5396	2.3	0
139	Machine Learning-based Sleep Staging in Patients with Sleep Apnea Using a Single Mandibular Movement Signal. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 1227-1231	10.2	2
138	Bariatric surgery short-term outcomes in patients with obstructive sleep apnoea: the Severe Obesity Outcome Network prospective cohort. <i>International Journal of Obesity</i> , 2021 , 45, 2388-2395	5.5	1
137	Intermittent hypoxia-related alterations in vascular structure and function: a systematic review and meta-analysis of rodent data. <i>European Respiratory Journal</i> , 2021 ,	13.6	2
136	Symptomatic response to CPAP in obstructive sleep apnea versus COPD- obstructive sleep apnea overlap syndrome: Insights from a large national registry. <i>PLoS ONE</i> , 2021 , 16, e0256230	3.7	1
135	Artificial Intelligence Analysis of Mandibular Movements Enables Accurate Detection of Phasic Sleep Bruxism in OSA Patients: A Pilot Study. <i>Nature and Science of Sleep</i> , 2021 , 13, 1449-1459	3.6	0
134	The key role of the mandible in modulating airflow amplitude during sleep. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 279, 103447	2.8	3
133	Bruxism Relieved Under CPAP Treatment in a Patient With OSA Syndrome. <i>Chest</i> , 2020 , 157, e59-e62	5.3	9
132	Impact of a Multimodal Telemonitoring Intervention on CPAP Adherence in Symptomatic OSA and Low Cardiovascular Risk: A Randomized Controlled Trial. <i>Chest</i> , 2020 , 158, 2136-2145	5.3	7

131	Long-Term Noninvasive Ventilation in the Geneva Lake Area: Indications, Prevalence, and Modalities. <i>Chest</i> , 2020 , 158, 279-291	5.3	19
130	Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome. <i>PLoS ONE</i> , 2020 , 15, e0235331	3.7	11
129	Who May Benefit From Diuretics in OSA?: A Propensity Score-Match Observational Study. <i>Chest</i> , 2020 , 158, 359-364	5.3	9
128	AVAPS-AE versus ST mode: A randomized controlled trial in patients with obesity hypoventilation syndrome. <i>Respirology</i> , 2020 , 25, 1073-1081	3.6	11
127	Assessment of Mandibular Movement Monitoring With Machine Learning Analysis for the Diagnosis of Obstructive Sleep Apnea. <i>JAMA Network Open</i> , 2020 , 3, e1919657	10.4	16
126	Sleep apnoea and endothelial dysfunction: An individual patient data meta-analysis. <i>Sleep Medicine Reviews</i> , 2020 , 52, 101309	10.2	20
125	Valproic acid and sleep apnoea: A disproportionality signal from the WHO pharmacovigilance database. <i>Respirology</i> , 2020 , 25, 336-338	3.6	2
124	Cohort profile: FACE, prospective follow-up of chronic heart failure patients with sleep-disordered breathing indicated for adaptive servo ventilation. <i>BMJ Open</i> , 2020 , 10, e038403	3	1
123	Wearable Activity Trackers for Monitoring Adherence to Home Confinement During the COVID-19 Pandemic Worldwide: Data Aggregation and Analysis. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19787	7.6	63
122	Impact of obstructive sleep apnea on the obesity paradox in critically ill patients. <i>Journal of Critical Care</i> , 2020 , 56, 120-124	4	7
121	Periodic limb movements during sleep and blood pressure changes in sleep apnoea: Data from the European Sleep Apnoea Database. <i>Respirology</i> , 2020 , 25, 872-879	3.6	3
120	Interrelated atrial fibrillation and leaks triggering and maintaining central sleep apnoea and periodic breathing in a CPAP-treated patient. <i>Respirology Case Reports</i> , 2020 , 8, e00666	0.9	3
119	Feasibility of Type 3 Polygraphy for Evaluating Leak Determinants in CPAP-Treated OSA Patients: A Step Toward Personalized Leak Management. <i>Chest</i> , 2020 , 158, 2165-2171	5.3	0
118	Endotypes and phenotypes in obstructive sleep apnea. <i>Current Opinion in Pulmonary Medicine</i> , 2020 , 26, 609-614	3	18
117	Long-term variations of arterial stiffness in patients with obesity and obstructive sleep apnea treated with continuous positive airway pressure. <i>PLoS ONE</i> , 2020 , 15, e0236667	3.7	5
116	Excessive Erythrocytosis and Chronic Mountain Sickness in Dwellers of the Highest City in the World. <i>Frontiers in Physiology</i> , 2020 , 11, 773	4.6	5
115	Intermittent Hypoxia Triggers Early Cardiac Remodeling and Contractile Dysfunction in the Time-Course of Ischemic Cardiomyopathy in Rats. <i>Journal of the American Heart Association</i> , 2020 , 9, e016369	6	3
114	Association of serious adverse events with Cheyne-Stokes respiration characteristics in patients with systolic heart failure and central sleep apnoea: A SERVE-Heart Failure substudy analysis. <i>Respirology</i> , 2020 , 25, 305-311	3.6	8

113	Big Data in sleep apnoea: Opportunities and challenges. <i>Respirology</i> , 2020 , 25, 486-494	3.6	21
112	Partial failure of CPAP treatment for sleep apnoea: Analysis of the French national sleep database. <i>Respirology</i> , 2020 , 25, 104-111	3.6	8
111	Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome 2020 , 15, e0235331		
110	Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome 2020 , 15, e0235331		
109	Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome 2020 , 15, e0235331		
108	Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome 2020 , 15, e0235331		
107	Short-term CPAP adherence in obstructive sleep apnea: a big data analysis using real world data. <i>Sleep Medicine</i> , 2019 , 59, 114-116	4.6	57
106	0744 Risk Factors for PAP Adherence in Children with Sleep Apnea: Results Derived Using a Big Data Approach. <i>Sleep</i> , 2019 , 42, A298-A299	1.1	
105	European Respiratory Society guidelines on long-term home non-invasive ventilation for management of COPD. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	83
104	0601 Long-term Effects Of Solriamfetol On Quality Of Life In Participants With Excessive Daytime Sleepiness Associated With Narcolepsy Or Obstructive Sleep Apnea. <i>Sleep</i> , 2019 , 42, A239-A239	1.1	2
103	Cancer prevalence is increased in females with sleep apnoea: data from the ESADA study. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	12
102	Heat-moulded versus custom-made mandibular advancement devices for obstructive sleep apnoea: a randomised non-inferiority trial. <i>Thorax</i> , 2019 , 74, 667-674	7.3	10
101	Diagnosis and management of central sleep apnea syndrome. <i>Expert Review of Respiratory Medicine</i> , 2019 , 13, 545-557	3.8	21
100	Obesity hypoventilation syndrome. <i>European Respiratory Review</i> , 2019 , 28,	9.8	75
99	Low Liver Density Is Linked to Cardiovascular Comorbidity in COPD: An ECLIPSE Cohort Analysis. <i>International Journal of COPD</i> , 2019 , 14, 3053-3061	3	1
98	Evaluation and Management of Obesity Hypoventilation Syndrome. An Official American Thoracic Society Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, e6-e24	10.2	84
97	Estimation of the global prevalence and burden of obstructive sleep apnoea: a literature-based analysis. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 687-698	35.1	730
96	Adipose tissue as a key player in obstructive sleep apnoea. <i>European Respiratory Review</i> , 2019 , 28,	9.8	40

95	COVIZ. <i>Proceedings of the VLDB Endowment</i> , 2019 , 12, 1822-1825	3.1	1
94	0570 Dose Titration Of Solriamfetol In Participants With Obstructive Sleep Apnea From A 6-week Randomized-withdrawal Trial. <i>Sleep</i> , 2019 , 42, A227-A227	1.1	
93	Central sleep apnoea and periodic breathing in heart failure: prognostic significance and treatment options. <i>European Respiratory Review</i> , 2019 , 28,	9.8	6
92	Automated O titration improves exercise capacity in patients with hypercapnic chronic obstructive pulmonary disease: a randomised controlled cross-over trial. <i>Thorax</i> , 2019 , 74, 298-301	7.3	2
91	Marital quality, partner engagement and continuous positive airway pressure adherence in obstructive sleep apnea. <i>Sleep Medicine</i> , 2019 , 55, 56-61	4.6	15
90	Solriamfetol for the Treatment of Excessive Sleepiness in OSA: A Placebo-Controlled Randomized Withdrawal Study. <i>Chest</i> , 2019 , 155, 364-374	5.3	42
89	Gabapentinoids and sleep apnea syndrome: a safety signal from the WHO pharmacovigilance database. <i>Sleep</i> , 2019 , 42,	1.1	3
88	Multimodal Remote Monitoring of High Cardiovascular Risk Patients With OSA Initiating CPAP: A Randomized Trial. <i>Chest</i> , 2019 , 155, 730-739	5.3	33
87	Effect of mandibular advancement therapy on inflammatory and metabolic biomarkers in patients with severe obstructive sleep apnoea: a randomised controlled trial. <i>Thorax</i> , 2019 , 74, 496-499	7.3	10
86	Ventilatory support or respiratory muscle training as adjuncts to exercise in obese CPAP-treated patients with obstructive sleep apnoea: a randomised controlled trial. <i>Thorax</i> , 2018 ,	7.3	19
85	Challenges in obstructive sleep apnoea. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 170-172	35.1	35
84	Baclofen and sleep apnoea syndrome: analysis of VigiBase, the WHO pharmacovigilance database. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	11
83	Diseases of the retina and the optic nerve associated with obstructive sleep apnea. <i>Sleep Medicine Reviews</i> , 2018 , 38, 113-130	10.2	24
82	Determinants of Unintentional Leaks During CPAP Treatment in OSA. <i>Chest</i> , 2018 , 153, 834-842	5.3	14
81	Clinical presentation of patients with suspected obstructive sleep apnea and self-reported physician-diagnosed asthma in the ESADA cohort. <i>Journal of Sleep Research</i> , 2018 , 27, e12729	5.8	11
80	Impaired cerebral oxygenation and exercise tolerance in patients with severe obstructive sleep apnea syndrome. <i>Sleep Medicine</i> , 2018 , 51, 37-46	4.6	10
79	Contribution of obstructive sleep apnoea to arterial stiffness: a meta-analysis using individual patient data. <i>Thorax</i> , 2018 , 73, 1146-1151	7.3	17
78	Obstructive sleep apnoea independently predicts lipid levels: Data from the European Sleep Apnea Database. <i>Respirology</i> , 2018 , 23, 1180-1189	3.6	34

77	Cysteinyl-leukotriene pathway as a new therapeutic target for the treatment of atherosclerosis related to obstructive sleep apnea syndrome. <i>Pharmacological Research</i> , 2018 , 134, 311-319	10.2	6
76	Anesthesia and sleep apnea. <i>Sleep Medicine Reviews</i> , 2018 , 40, 79-92	10.2	9
75	Adherence to Positive Airway Therapy After Switching From CPAP to ASV: A Big Data Analysis. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 57-63	3.1	40
74	Impact of Non-alcoholic Fatty Liver Disease on long-term cardiovascular events and death in Chronic Obstructive Pulmonary Disease. <i>Scientific Reports</i> , 2018 , 8, 16559	4.9	12
73	Evolutionary Active Constrained Clustering for Obstructive Sleep Apnea Analysis. <i>Data Science and Engineering</i> , 2018 , 3, 359-378	3.6	8
72	Mandibular Movement Analysis to Assess Efficacy of Oral Appliance Therapy in OSA. <i>Chest</i> , 2018 , 154, 1340-1347	5.3	4
71	Response to letter to editor "Optical coherence tomography (OCT) findings in obstructive sleep apnea" by Piotr Kanclerz. <i>Sleep Medicine Reviews</i> , 2018 , 42, 232-233	10.2	0
70	Obstructive sleep apnea in patients surviving acute hypercapnic respiratory failure is best predicted by static hyperinflation. <i>PLoS ONE</i> , 2018 , 13, e0205669	3.7	7
69	What is the best treatment strategy for obstructive sleep apnoea-related hypertension?. <i>Hypertension Research</i> , 2018 , 41, 1070-1072	4.7	3
68	Incorporating telemedicine into the integrated care of the COPD patient a summary of an interdisciplinary workshop held in Stresa, Italy, 7-8 September 2017. <i>Respiratory Medicine</i> , 2018 , 143, 91-102	4.6	22
67	POLLAR: Impact of air POLLution on Asthma and Rhinitis; a European Institute of Innovation and Technology Health (EIT Health) project. <i>Clinical and Translational Allergy</i> , 2018 , 8, 36	5.2	47
66	Challenges and perspectives in obstructive sleep apnoea: Report by an working group of the Sleep Disordered Breathing Group of the European Respiratory Society and the European Sleep Research Society. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	91
65	Ticagrelor and Central Sleep Apnea. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2378-2379	15.1	15
64	Physiological correlates to spontaneous physical activity variability in obese patients with already treated sleep apnea syndrome. <i>Sleep and Breathing</i> , 2017 , 21, 61-68	3.1	6
63	Maxillomandibular advancement for obstructive sleep apnea syndrome treatment: Long-term results. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017 , 45, 183-191	3.6	31
62	Impact of Mandibular Advancement Therapy on Endothelial Function in Severe Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1244-1252	10.2	37
61	Effects of 1-month withdrawal of ventilatory support in hypercapnic myotonic dystrophy type 1. <i>Respirology</i> , 2017 , 22, 1416-1422	3.6	16
60	Intermittent hypoxia in obstructive sleep apnoea mediates insulin resistance through adipose tissue inflammation. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	81

59	Nonalcoholic fatty liver disease in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	32
58	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	137
57	Factors Contributing to Unintentional Leak During CPAP Treatment: A Systematic Review. <i>Chest</i> , 2017 , 151, 707-719	5.3	25
56	Comorbidities and Subgroups of Patients Surviving Severe Acute Hypercapnic Respiratory Failure in the Intensive Care Unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 200-207	10.2	39
55	Combination of obstructive sleep apnoea and insomnia treated by continuous positive airway pressure with the SensAwake pressure relief technology to assist sleep: a randomised cross-over trial protocol. <i>BMJ Open</i> , 2017 , 7, e015836	3	1
54	Trajectories of Emergent Central Sleep Apnea During CPAP Therapy. <i>Chest</i> , 2017 , 152, 751-760	5.3	52
53	Impact of concomitant medications on obstructive sleep apnoea. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 688-708	3.8	22
52	Mandibular Movements As Accurate Reporters of Respiratory Effort during Sleep: Validation against Diaphragmatic Electromyography. <i>Frontiers in Neurology</i> , 2017 , 8, 353	4.1	13
51	Acute Feasibility of Neuromuscular Electrical Stimulation in Severely Obese Patients with Obstructive Sleep Apnea Syndrome: A Pilot Study. <i>BioMed Research International</i> , 2017 , 2017, 3704380	3	1
50	An Official American Thoracic Society Workshop Report: Noninvasive Identification of Inspiratory Flow Limitation in Sleep Studies. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1076-1085	4.7	13
49	Continuous positive airway pressure treatment impact on memory processes in obstructive sleep apnea patients: a randomized sham-controlled trial. <i>Sleep Medicine</i> , 2016 , 24, 44-50	4.6	11
48	Acromegaly in sleep apnoea patients: a large observational study of 755 patients. <i>European Respiratory Journal</i> , 2016 , 48, 1489-1492	13.6	19
47	Nonalcoholic fatty liver disease and obstructive sleep apnea. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1124-35	12.7	67
46	Obstructive Sleep Apnea: A Cluster Analysis at Time of Diagnosis. <i>PLoS ONE</i> , 2016 , 11, e0157318	3.7	91
45	Usefulness of transcutaneous PCO ₂ to assess nocturnal hypoventilation in restrictive lung disorders. <i>Respirology</i> , 2016 , 21, 1300-6	3.6	28
44	Prevention and care of respiratory failure in obese patients. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 407-18	35.1	77
43	Severe Central Sleep Apnea Associated With Chronic Baclofen Therapy: A Case Series. <i>Chest</i> , 2016 , 149, e127-31	5.3	33
42	Reliability of Apnea-Hypopnea Index Measured by a Home Bi-Level Pressure Support Ventilator Versus a Polysomnographic Assessment. <i>Respiratory Care</i> , 2015 , 60, 1051-6	2.1	28

41	Impact of obstructive sleep apnea treatment by continuous positive airway pressure on cardiometabolic biomarkers: a systematic review from sham CPAP randomized controlled trials. <i>Sleep Medicine Reviews</i> , 2015 , 21, 23-38	10.2	118
40	Nasal obstruction and male gender contribute to the persistence of mouth opening during sleep in CPAP-treated obstructive sleep apnoea. <i>Respirology</i> , 2015 , 20, 1123-30	3.6	19
39	Obstructive sleep apnoea syndrome. <i>Nature Reviews Disease Primers</i> , 2015 , 1, 15015	51.1	374
38	Obesity: CPAP effects in sleep apnoea-what should be expected?. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 517-9	15.2	0
37	Association between glaucoma and sleep apnea in a large French multicenter prospective cohort. <i>Sleep Medicine</i> , 2014 , 15, 576-81	4.6	24
36	Cardiovascular consequences of sleep apnea: pathophysiology and clinical implications 2014 , 60-77		
35	CPAP treatment supported by telemedicine does not improve blood pressure in high cardiovascular risk OSA patients: a randomized, controlled trial. <i>Sleep</i> , 2014 , 37, 1863-70	1.1	40
34	Nonalcoholic fatty liver disease, nocturnal hypoxia, and endothelial function in patients with sleep apnea. <i>Chest</i> , 2014 , 145, 525-533	5.3	55
33	Long-acting bronchodilators and arterial stiffness in patients with COPD: a comparison of fluticasone furoate/vilanterol with tiotropium. <i>Chest</i> , 2014 , 146, 1521-1530	5.3	23
32	Diabetes mellitus prevalence and control in sleep-disordered breathing: the European Sleep Apnea Cohort (ESADA) study. <i>Chest</i> , 2014 , 146, 982-990	5.3	151
31	Arterial stiffness in COPD. <i>Chest</i> , 2014 , 145, 861-875	5.3	68
30	Low physical activity is a determinant for elevated blood pressure in high cardiovascular risk obstructive sleep apnea. <i>Respiratory Care</i> , 2014 , 59, 1218-27	2.1	15
29	Long-term adherence with non-invasive ventilation improves prognosis in obese COPD patients. <i>Respirology</i> , 2014 , 19, 857-65	3.6	40
28	Domiciliary long-term non-invasive ventilation in COPD: should we select subgroups with a better likelihood to respond to NIV in subsequent randomised controlled trials?. <i>Thorax</i> , 2014 , 69, 1143	7.3	
27	Pressure-dependent hemodynamic effect of continuous positive airway pressure in severe chronic heart failure: a case series. <i>International Journal of Cardiology</i> , 2014 , 171, e104-5	3.2	4
26	Hypertension and sleep: overview of a tight relationship. <i>Sleep Medicine Reviews</i> , 2014 , 18, 509-19	10.2	133
25	Usefulness of oximetry for sleep apnea screening in frail hospitalized elderly. <i>Journal of the American Medical Directors Association</i> , 2014 , 15, 447.e9-14	5.9	10
24	Assessment of sleep quality by pulse wave amplitude and actigraphy in children with sleep-disordered breathing: evaluation at diagnosis and under non-invasive ventilation. <i>Sleep and Breathing</i> , 2013 , 17, 827-35	3.1	9

23	Arterial stiffness by pulse wave velocity in COPD: reliability and reproducibility. <i>European Respiratory Journal</i> , 2013 , 42, 1140-2	13.6	17
22	Impact of different backup respiratory rates on the efficacy of noninvasive positive pressure ventilation in obesity hypoventilation syndrome: a randomized trial. <i>Chest</i> , 2013 , 143, 37-46	5.3	68
21	Comorbidities and mortality in hypercapnic obese under domiciliary noninvasive ventilation. <i>PLoS ONE</i> , 2013 , 8, e52006	3.7	61
20	Type of mask may impact on continuous positive airway pressure adherence in apneic patients. <i>PLoS ONE</i> , 2013 , 8, e64382	3.7	96
19	Reduced six-minute walking distance, high fat-free-mass index and hypercapnia are associated with endothelial dysfunction in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 183, 128-34	2.8	23
18	Polysomnography in stable COPD under non-invasive ventilation to reduce patient-ventilator asynchrony and morning breathlessness. <i>Sleep and Breathing</i> , 2012 , 16, 1081-90	3.1	57
17	Noninvasive ventilation in mild obesity hypoventilation syndrome: a randomized controlled trial. <i>Chest</i> , 2012 , 141, 692-702	5.3	101
16	Effectiveness of Adaptive Servo Ventilation in the treatment of hypocapnic central sleep apnea of various etiologies. <i>Sleep Medicine</i> , 2011 , 12, 952-8	4.6	23
15	The inflammatory preatherosclerotic remodeling induced by intermittent hypoxia is attenuated by RANTES/CCL5 inhibition. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 724-31	10.2	88
14	Nocturnal monitoring of home non-invasive ventilation: the contribution of simple tools such as pulse oximetry, capnography, built-in ventilator software and autonomic markers of sleep fragmentation. <i>Thorax</i> , 2011 , 66, 438-45	7.3	126
13	Comparison of continuous positive airway pressure and valsartan in hypertensive patients with sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 954-60	10.2	147
12	Endothelial dysfunction and specific inflammation in obesity hypoventilation syndrome. <i>PLoS ONE</i> , 2009 , 4, e6733	3.7	55
11	Intentional leaks in industrial masks have a significant impact on efficacy of bilevel noninvasive ventilation: a bench test study. <i>Chest</i> , 2009 , 135, 669-677	5.3	54
10	Pressure reduction during exhalation in sleep apnea patients treated by continuous positive airway pressure. <i>Chest</i> , 2009 , 136, 490-497	5.3	31
9	Sleep apnea diagnosis using an ECG Holter device including a nasal pressure (NP) recording: validation of visual and automatic analysis of nasal pressure versus full polysomnography. <i>Sleep Medicine</i> , 2009 , 10, 651-6	4.6	17
8	A critical review of peripheral arterial tone and pulse transit time as indirect diagnostic methods for detecting sleep disordered breathing and characterizing sleep structure. <i>Current Opinion in Pulmonary Medicine</i> , 2009 , 15, 550-8	3	34
7	Early cardiovascular abnormalities in newly diagnosed obstructive sleep apnea. <i>Vascular Health and Risk Management</i> , 2009 , 5, 1063-73	4.4	28
6	Masked hypertension in obstructive sleep apnea syndrome. <i>Journal of Hypertension</i> , 2008 , 26, 885-92	1.9	89

5	Prevalence and Impact of Central Sleep Apnea in Heart Failure. <i>Sleep Medicine Clinics</i> , 2007 , 2, 615-621	3.6	30
4	Impaired objective daytime vigilance in obesity-hypoventilation syndrome: impact of noninvasive ventilation. <i>Chest</i> , 2007 , 131, 148-55	5.3	106
3	Pulse transit time improves detection of sleep respiratory events and microarousals in children. <i>Chest</i> , 2005 , 127, 722-30	5.3	96
2	Mandibular advancement devices: rate of contraindications in 100 consecutive obstructive sleep apnea patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 274-8	10.2	112
1	Increased lipid peroxidation in patients with pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 1038-42	10.2	139