Ferran BarbÃ©

List of Publications by Year
in descending order

328 papers	19,230 citations	17440 63 h-index	14208 128 g-index
354 all docs	354 docs citations	354 times ranked	12694 citing authors

#	Article	IF	Citations
1	CPAP for Prevention of Cardiovascular Events in Obstructive Sleep Apnea. New England Journal of Medicine, 2016, 375, 919-931.	27.0	1,544
2	Sleep Apnea. Journal of the American College of Cardiology, 2017, 69, 841-858.	2.8	872
3	Effect of Continuous Positive Airway Pressure on the Incidence of Hypertension and Cardiovascular Events in Nonsleepy Patients With Obstructive Sleep Apnea. JAMA - Journal of the American Medical Association, 2012, 307, 2161-8.	7.4	687
4	Obstructive sleep apnoea syndrome. Nature Reviews Disease Primers, 2015, 1, 15015.	30.5	681
5	Association Between Treated and Untreated Obstructive Sleep Apnea and Risk of Hypertension. JAMA - Journal of the American Medical Association, 2012, 307, 2169-76.	7.4	595
6	Effect of CPAP on Blood Pressure in Patients With Obstructive Sleep Apnea and Resistant Hypertension. JAMA - Journal of the American Medical Association, 2013, 310, 2407.	7.4	567
7	Treatment with Continuous Positive Airway Pressure Is Not Effective in Patients with Sleep Apnea but No Daytime Sleepiness. Annals of Internal Medicine, 2001, 134, 1015.	3.9	466
8	Long-term Effect of Continuous Positive Airway Pressure in Hypertensive Patients with Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 718-726.	5.6	403
9	Obstructive sleep apnoea and cardiovascular disease. Lancet Respiratory Medicine,the, 2013, 1, 61-72.	10.7	376
10	Sleep Apnea and Cardiovascular Disease. Circulation, 2017, 136, 1840-1850.	1.6	360
11	Automobile Accidents in Patients with Sleep Apnea Syndrome. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 18-22.	5.6	354
12	Continuous Positive Airway Pressure Treatment Reduces Mortality in Patients with Ischemic Stroke and Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 36-41.	5.6	349
13	Association between Obstructive Sleep Apnea and Cancer Incidence in a Large Multicenter Spanish Cohort. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 99-105.	5.6	334
14	Alternative Methods of Titrating Continuous Positive Airway Pressure. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1218-1224.	5.6	310
15	Effect of obstructive sleep apnoea and its treatment with continuous positive airway pressure on the prevalence of cardiovascular events in patients with acute coronary syndrome (ISAACC study): a randomised controlled trial. Lancet Respiratory Medicine,the, 2020, 8, 359-367.	10.7	257
16	Effectiveness of Continuous Positive Airway Pressure in Mild Sleep Apneaâ€“Hypopnea Syndrome. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 939-943.	5.6	233
17	Continuous positive airway pressure as treatment for systemic hypertension in people with obstructive sleep apnoea: randomised controlled trial. BMJ: British Medical Journal, 2010, 341, c5991-c5991.	2.3	226
18	Abnormal lipid peroxidation in patients with sleep apnoea. European Respiratory Journal, 2000, 16, 644.	6.7	220

#	Article	IF	Citations
19	Noninvasive ventilatory support does not facilitate recovery from acute respiratory failure in chronic obstructive pulmonary disease. European Respiratory Journal, 1996, 9, 1240-1245.	6.7	199
20	Diabetes Mellitus Prevalence and Control in Sleep-Disordered Breathing. Chest, 2014, 146, 982-990.	0.8	192
21	Daytime sleepiness and polysomnographic variables in sleep apnoea patients. European Respiratory Journal, 2007, 30, 110-113.	6.7	185
22	Viral RNA load in plasma is associated with critical illness and a dysregulated host response in COVID-19. Critical Care, 2020, 24, 691.	5.8	185
23	Night-time symptoms: a forgotten dimension of COPD. European Respiratory Review, 2011, 20, 183-194.	7.1	182
24	Antioxidant status in patients with sleep apnoea and impact of continuous positive airway pressure treatment. European Respiratory Journal, 2006, 27, 756-760.	6.7	179
25	Precision Medicine in Patients With Resistant Hypertension and ObstructiveÂSleep Apnea. Journal of the American College of Cardiology, 2015, 66, 1023-1032.	2.8	167
26	Pulmonary Function and Radiologic Features in Survivors of Critical COVID-19. Chest, 2021, 160, 187-198.	0.8	164
27	Effect of CPAP on blood pressure in patients with minimally symptomatic obstructive sleep apnoea: a meta-analysis using individual patient data from four randomised controlled trials. Thorax, 2014, 69, 1128-1135.	5.6	157
28	Daytime sleepiness and polysomnography in obstructive sleep apnea patients. Sleep Medicine, 2008, 9, 727-731.	1.6	155
29	Noninvasive Ventilatory Support After Lung Resectional Surgery. Chest, 1997, 112, 117-121.	0.8	153
30	Patients with Obstructive Sleep Apnea Exhibit Genioglossus Dysfunction that Is Normalized after Treatment with Continuous Positive Airway Pressure. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1960-1966.	5.6	151
31	Obstructive Sleep Apnea and Systemic Hypertension. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1299-1304.	5.6	151
32	Insulin resistance and daytime sleepiness in patients with sleep apnoea. Thorax, 2008, 63, 946-950.	5.6	141
33	Long-term effects of CPAP on daytime functioning in patients with sleep apnoea syndrome. European Respiratory Journal, 2000, 15, 676-681.	6.7	138
34	Cardiac function after CPAP therapy in patients with chronic heart failure and sleep apnea: A multicenter study. Sleep Medicine, 2008, 9, 660-666.	1.6	131
35	Sleep-related respiratory disturbances in patients with Duchenne muscular dystrophy. European Respiratory Journal, 1994, 7, 1403-1408.	6.7	127
36	Long-term clinical effectiveness of continuous positive airway pressure therapy versus non-invasive ventilation therapy in patients with obesity hypoventilation syndrome: a multicentre, open-label, randomised controlled trial. Lancet, The, 2019, 393, 1721-1732.	13.7	126

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37	The European Sleep Apnoea Database (ESADA): report from 22 European sleep laboratories. European Respiratory Journal, 2011, 38, 635-642.	6.7	123
38	Neuropeptide Y and Leptin in Patients with Obstructive Sleep Apnea Syndrome. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 183-187.	5.6	122
39	Obstructive sleep apnea is associated with cancer mortality in younger patients. Sleep Medicine, 2014, 15, 742-748.	1.6	121
40	Relationship Between OSA and Hypertension. Chest, 2015, 148, 824-832.	0.8	121
41	Effects of obesity on C-reactive protein level and metabolic disturbances in male patients with obstructive sleep apnea. American Journal of Medicine, 2004, 117, 118-121.	1.5	119
42	Long-term Effects of Nasal Intermittent Positive-Pressure Ventilation on Pulmonary Function and Sleep Architecture in Patients With Neuromuscular Diseases. Chest, 1996, 110, 1179-1183.	0.8	118
43	Nocturnal intermittent hypoxia predicts prevalent hypertension in the European Sleep Apnoea Database cohort study. European Respiratory Journal, 2014, 44, 931-941.	6.7	118
44	Influenza Vaccine Effectiveness in Preventing Outpatient, Inpatient, and Severe Cases of Laboratory-Confirmed Influenza. Clinical Infectious Diseases, 2013, 57, 167-175.	5.8	112
45	Conventional Polysomnography Is Not Necessary for the Management of Most Patients with Suspected Obstructive Sleep Apnea. Noninferiority, Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1181-1190.	5.6	109
46	Metabolic syndrome, insulin resistance and sleepiness in real-life obstructive sleep apnoea. European Respiratory Journal, 2012, 39, 1136-1143.	6.7	104
47	Long-term adherence to continuous positive airway pressure therapy in non-sleepy sleep apnea patients. Sleep Medicine, 2016, 17, 1-6.	1.6	103
48	The diagnostic method has a strong influence on classification of obstructive sleep apnea. Journal of Sleep Research, 2015, 24, 730-738.	3.2	95
49	Clinical Audit of COPD Patients Requiring Hospital Admissions in Spain: AUDIPOC Study. PLoS ONE, 2012, 7, e42156.	2.5	95
50	Precision medicine in obstructive sleep apnoea. Lancet Respiratory Medicine,the, 2019, 7, 456-464.	10.7	91
51	Circulating microRNA profiles predict the severity of COVID-19 in hospitalized patients. Translational Research, 2021, 236, 147-159.	5.0	91
52	Management of continuous positive airway pressure treatment compliance using telemonitoring in obstructive sleep apnoea. European Respiratory Journal, 2017, 49, 1601128.	6.7	87
53	Inflammatory proteins in patients with obstructive sleep apnea with and without daytime sleepiness. Sleep and Breathing, 2007, 11, 177-185.	1.7	85
54	Efficacy of continuous positive airway pressure (CPAP) in the prevention of cardiovascular events in patients with obstructive sleep apnea: Systematic review and meta-analysis. Sleep Medicine Reviews, 2020, 52, 101312.	8.5	85

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55	Angiotensin converting enzyme in patients with sleep apnoea syndrome: plasma activity and gene polymorphisms. European Respiratory Journal, 2001, 17, 728-732.	6.7	82
56	Effects of obesity upon genioglossus structure and function in obstructive sleep apnoea. European Respiratory Journal, 2004, 23, 425-429.	6.7	81
57	Idiopathic REM sleep behavior disorder in the elderly Spanish community: a primary care center study with a two-stage design using video-polysomnography. Sleep Medicine, 2017, 40, 116-121.	1.6	80
58	Endothelial Function and Circulating Endothelial Progenitor Cells in Patients with Sleep Apnea Syndrome. Respiration, 2008, 76, 28-32.	2.6	73
59	Obstructive sleep apnea/hypopnea and systemic hypertension. Sleep Medicine Reviews, 2009, 13, 323-331.	8.5	72
60	Ambulatory monitoring in the diagnosis and management of obstructive sleep apnoea syndrome. European Respiratory Review, 2013, 22, 312-324.	7.1	70
61	Cancer and OSA. Chest, 2016, 150, 451-463.	0.8	68
62	Efficacy of continuous positive airway pressure (CPAP) in patients with obstructive sleep apnea (OSA) and resistant hypertension (RH): Systematic review and meta-analysis. Sleep Medicine Reviews, 2021, 58, 101446.	8.5	66
63	Sleep apnoea severity independently predicts glycaemic health in nondiabetic subjects: the ESADA study. European Respiratory Journal, 2014, 44, 130-139.	6.7	65
64	Efficacy of CPAP for Improvements in Sleepiness, Cognition, Mood, and Quality of Life in Elderly Patients With OSA. Chest, 2020, 158, 751-764.	0.8	64
65	Decreased Plasma Levels of Orexin-A in Sleep Apnea. Respiration, 2004, 71, 575-579.	2.6	63
66	Intermittent Hypoxia-Induced Cardiovascular Remodeling Is Reversed by Normoxia in a Mouse Model of Sleep Apnea. Chest, 2016, 149, 1400-1408.	0.8	63
67	Rationale and Methodology of the Impact of Continuous Positive Airway Pressure on Patients With <scp>ACS</scp> and Nonsleepy <scp>OSA</scp>: The <scp>ISAACC</scp> Trial. Clinical Cardiology, 2013, 36, 495-501.	1.8	62
68	Blood Pressure Improvement with Continuous Positive Airway Pressure is Independent of Obstructive Sleep Apnea Severity. Journal of Clinical Sleep Medicine, 2014, 10, 365-369.	2.6	62
69	Obstructive sleep apnoea independently predicts lipid levels: Data from the European Sleep Apnea Database. Respirology, 2018, 23, 1180-1189.	2.3	62
70	Personalized Respiratory Medicine: Exploring the Horizon, Addressing the Issues. Summary of a BRN-AJRCCM Workshop Held in Barcelona on June 12, 2014. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 391-401.	5.6	61
71	Predictors of long-term adherence to continuous positive airway pressure in patients with obstructive sleep apnea and cardiovascular disease. Sleep, 2019, 42, .	1.1	61
72	Medico-legal implications of sleep apnoea syndrome: Driving license regulations in Europe. Sleep Medicine, 2008, 9, 362-375.	1.6	60

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73	The influence of obesity and obstructive sleep apnea on metabolic hormones. Sleep and Breathing, 2012, 16, 649-656.	1.7	59
74	Chronic kidney disease in European patients with obstructive sleep apnea: the <scp>ESADA</scp> cohort study. Journal of Sleep Research, 2016, 25, 739-745.	3.2	59
75	Sleep-Disordered Breathing Is Independently Associated With Increased Aggressiveness of Cutaneous Melanoma. Chest, 2018, 154, 1348-1358.	0.8	58
76	Free fatty acids and the metabolic syndrome in patients with obstructive sleep apnoea. European Respiratory Journal, 2011, 37, 1418-1423.	6.7	57
77	Genderâ€specific anthropometric markers of adiposity, metabolic syndrome and visceral adiposity index (<scp>VAI</scp>) in patients with obstructive sleep apnea. Journal of Sleep Research, 2014, 23, 13-21.	3.2	56
78	Management of Sleep Apnea without High Pretest Probability or with Comorbidities by Three Nights of Portable Sleep Monitoring. Sleep, 2014, 37, 1363-1373.	1.1	56
79	Pulmonary Function and Sleep Breathing: Two New Targets for Type 2 Diabetes Care. Endocrine Reviews, 2017, 38, 550-573.	20.1	55
80	Beyond Resistant Hypertension. Hypertension, 2018, 72, 618-624.	2.7	55
81	Role of primary care in the follow-up of patients with obstructive sleep apnoea undergoing CPAP treatment: a randomised controlled trial. Thorax, 2015, 70, 346-352.	5.6	54
82	Oxygen therapy during exacerbations of chronic obstructive pulmonary disease. European Respiratory Journal, 1999, 14, 934.	6.7	53
83	Management of obstructive sleep apnea in Europe. Sleep Medicine, 2011, 12, 190-197.	1.6	53
84	Effect of an ambulatory diagnostic and treatment programme in patients with sleep apnoea. European Respiratory Journal, 2012, 39, 305-312.	6.7	51
85	Sleep Apnea and Hypertension. Chest, 2017, 152, 742-750.	0.8	51
86	The Effect of Sleep Apnea on Cardiovascular Events in Different Acute Coronary Syndrome Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1698-1706.	5.6	50
87	Effect of Continuous Positive Airway Pressure on the Risk of Road Accidents in Sleep Apnea Patients. Respiration, 2007, 74, 44-49.	2.6	48
88	Decrease in sleep quality during COVID-19 outbreak. Sleep and Breathing, 2021, 25, 1055-1061.	1.7	48
89	European Respiratory Society statement on sleep apnoea, sleepiness and driving risk. European Respiratory Journal, 2021, 57, 2001272.	6.7	48
90	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.	3.2	46

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91	Blood pressure response to CPAP treatment in subjects with obstructive sleep apnoea: the predictive value of 24-h ambulatory blood pressure monitoring. European Respiratory Journal, 2017, 50, 1700651.	6.7	46
92	Floppy Eyelid Syndrome as an Indicator of the Presence of Glaucoma in Patients With Obstructive Sleep Apnea. Journal of Glaucoma, 2014, 23, e81-e85.	1.6	45
93	Primary Care Physicians Can Comprehensively Manage Patients with Sleep Apnea. A Noninferiority Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 648-656.	5.6	44
94	A controlled trial of noninvasive ventilation for chronic obstructive pulmonary disease exacerbations. Journal of Critical Care, 2009, 24, 473.e7-473.e14.	2.2	43
95	Association between Obstructive Sleep Apnea and Community-Acquired Pneumonia. PLoS ONE, 2016, 11, e0152749.	2.5	43
96	The relationship between floppy eyelid syndrome and obstructive sleep apnoea. British Journal of Ophthalmology, 2013, 97, 1387-1390.	3.9	42
97	High Risk Characteristics for Recurrent Cardiovascular Events among Patients with Obstructive Sleep Apnoea in the SAVE Study. EClinicalMedicine, 2018, 2-3, 59-65.	7.1	42
98	Vitamin D Status and Parathyroid Hormone Levels in Patients with Obstructive Sleep Apnea. Respiration, 2013, 86, 295-301.	2.6	41
99	Effectiveness of Home Single-Channel Nasal Pressure for Sleep Apnea Diagnosis. Sleep, 2014, 37, 1953-1961.	1.1	40
100	Circulating microRNA profile as a potential biomarker for obstructive sleep apnea diagnosis. Scientific Reports, 2019, 9, 13456.	3.3	40
101	Prostaglandin D synthase (Î² trace) levels in sleep apnea patients with and without sleepiness. Sleep Medicine, 2007, 8, 509-511.	1.6	38
102	Critical assessment of the current guidelines for the management and treatment of morbidly obese patients. Journal of Endocrinological Investigation, 2007, 30, 844-852.	3.3	38
103	The Sleep Apnea cardioVascular Endpoints (SAVE) Trial: Rationale, Ethics, Design, and Progress. Sleep, 2015, 38, 1247-1257.	1.1	38
104	Effect of obstructive sleep apnoea on severity and short-term prognosis of acute coronary syndrome. European Respiratory Journal, 2015, 45, 419-427.	6.7	38
105	Assessing sleep health in a European population: Results of the Catalan Health Survey 2015. PLoS ONE, 2018, 13, e0194495.	2.5	38
106	Cardiac Troponin Values in Patients With Acute Coronary Syndrome and Sleep Apnea. Chest, 2018, 153, 329-338.	0.8	36
107	Management of obstructive sleep apnoea in a primary care vs sleep unit setting: a randomised controlled trial. Thorax, 2018, 73, 1152-1160.	5.6	36
108	Diagnostic and Therapeutic Approach to Nonsleepy Apnea. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 6-9.	5.6	35

#	Article	IF	Citations
109	Effect of continuous positive airway pressure in patients with true refractory hypertension and sleep apnea. Journal of Hypertension, 2019, 37, 1269-1275.	0.5	34
110	Echocardiographic Changes with Positive Airway Pressure Therapy in Obesity Hypoventilation Syndrome. Long-Term Pickwick Randomized Controlled Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 586-597.	5.6	34
111	Impact of time to intubation on mortality and pulmonary sequelae in critically ill patients with COVID-19: a prospective cohort study. Critical Care, 2022, 26, 18.	5.8	34
112	Relationship between Aldosterone and the Metabolic Syndrome in Patients with Obstructive Sleep Apnea Hypopnea Syndrome: Effect of Continuous Positive Airway Pressure Treatment. PLoS ONE, 2014, 9, e84362.	2.5	33
113	Gut epithelial barrier markers in patients with obstructive sleep apnea. Sleep Medicine, 2016, 26, 12-15.	1.6	32
114	Impact of sleep health on self-perceived health status. Scientific Reports, 2019, 9, 7284.	3.3	32
115	Validation of the Satisfaction, Alertness, Timing, Efficiency and Duration (SATED) Questionnaire for Sleep Health Measurement. Annals of the American Thoracic Society, 2020, 17, 338-343.	3.2	32
116	Erectile dysfunction in obstructive sleep apnea patients: A randomized trial on the effects of Continuous Positive Airway Pressure (CPAP). PLoS ONE, 2018, 13, e0201930.	2.5	31
117	The Effects of Long-term CPAP on Weight Change in Patients With ComorbidÂOSA andÂCardiovascular Disease. Chest, 2019, 155, 720-729.	0.8	31
118	Impact of OSA on Biological Markers in Morbid Obesity and Metabolic Syndrome. Journal of Clinical Sleep Medicine, 2014, 10, 263-270.	2.6	30
119	Fixed But Not Autoadjusting Positive Airway Pressure Attenuates the Time-dependent Decline in Glomerular Filtration Rate in Patients With OSA. Chest, 2018, 154, 326-334.	0.8	30
120	Prevalence, Characteristics, and Association of Obstructive Sleep Apnea with Blood Pressure Control in Patients with Resistant Hypertension. Annals of the American Thoracic Society, 2019, 16, 1414-1421.	3.2	28
121	Detection of severe obstructive sleep apnea through voice analysis. Applied Soft Computing Journal, 2014, 23, 346-354.	7.2	27
122	Overview of the Impact of Depression and Anxiety in Chronic Obstructive Pulmonary Disease. Lung, 2017, 195, 77-85.	3.3	27
123	Biomarkers of carcinogenesis and tumour growth in patients with cutaneous melanoma and obstructive sleep apnoea. European Respiratory Journal, 2018, 51, 1701885.	6.7	27
124	Telemedicine interventions for CPAP adherence in obstructive sleep apnea patients: Systematic review and meta-analysis. Sleep Medicine Reviews, 2021, 60, 101543.	8.5	26
125	Plasma levels of neuropeptides and metabolic hormones, and sleepiness in obstructive sleep apnea. Respiratory Medicine, 2011, 105, 1954-1960.	2.9	25
126	Central sleep apnea is associated with increased risk of ischemic stroke in the elderly. Acta Neurologica Scandinavica, 2012, 126, 183-188.	2.1	25

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127	Risk factors and effectiveness of preventive measures against influenza in the community. Influenza and Other Respiratory Viruses, 2013, 7, 177-183.	3.4	25
128	Diabetes as a risk factor for severe exacerbation and death in patients with COPD: a prospective cohort study. European Journal of Public Health, 2020, 30, 822-827.	0.3	25
129	Dietary microRNAs and cancer: A new therapeutic approach?. Seminars in Cancer Biology, 2021, 73, 19-29.	9.6	25
130	Predictors of CPAP compliance in different clinical settings: primary care versus sleep unit. Sleep and Breathing, 2018, 22, 157-163.	1.7	24
131	Implementing Mobile Healthâ€“Enabled Integrated Care for Complex Chronic Patients: Intervention Effectiveness and Cost-Effectiveness Study. JMIR MHealth and UHealth, 2021, 9, e22135.	3.7	24
132	Genetic aspects of hypertension and metabolic disease in the obstructive sleep apnoeaâ€“hypopnoea syndrome. Sleep Medicine Reviews, 2008, 12, 49-63.	8.5	23
133	Visual analogical well-being scale for sleep apnea patients: validity and responsiveness. Sleep and Breathing, 2011, 15, 549-559.	1.7	23
134	Predictive Model of Hospital Admission for COPD Exacerbation. Respiratory Care, 2015, 60, 1288-1294.	1.6	23
135	Normotensive patients with obstructive sleep apnoea. Journal of Hypertension, 2019, 37, 720-727.	0.5	23
136	Prevalence of obstructive sleep apnea in Alzheimerâ€™s disease patients. Journal of Neurology, 2020, 267, 1012-1022.	3.6	23
137	Long-term Noninvasive Ventilation in Obesity Hypoventilation Syndrome Without Severe OSA. Chest, 2020, 158, 1176-1186.	0.8	23
138	The evolution of the ventilatory ratio is a prognostic factor in mechanically ventilated COVID-19 ARDS patients. Critical Care, 2021, 25, 331.	5.8	23
139	Decrease in sleep depth is associated with higher cerebrospinal fluid neurofilament light levels in patients with Alzheimerâ€™s disease. Sleep, 2021, 44, .	1.1	22
140	Clinical Consequences of COVID-19 Lockdown in Patients With COPD. Chest, 2021, 160, 135-138.	0.8	22
141	Delirium induced by clarithromycin in a patient with community-acquired pneumonia. European Respiratory Journal, 2006, 28, 671-672.	6.7	21
142	Hyperlipidaemia prevalence and cholesterol control in obstructive sleep apnoea: Data from the European sleep apnea database (ESADA). Journal of Internal Medicine, 2019, 286, 676-688.	6.0	21
143	Obstructive sleep apnoea and cognitive decline in mild-to-moderate Alzheimer's disease. European Respiratory Journal, 2020, 56, 2000523.	6.7	21
144	Low antiâ€SARSâ€CoVâ€2 S antibody levels predict increased mortality and dissemination of viral components in the blood of critical COVIDâ€19 patients. Journal of Internal Medicine, 2022, 291, 232-240.	6.0	21

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145	Sleep and Circadian Health of Critical COVID-19 Survivors 3 Months After Hospital Discharge. Critical Care Medicine, 2022, 50, 945-954.	0.9	21
146	One Year Overview and Follow-Up in a Post-COVID Consultation of Critically Ill Patients. Frontiers in Medicine, 0, 9, .	2.6	21
147	NADPH oxidase p22phox polymorphisms and oxidative stress in patients with obstructive sleep apnoea. Respiratory Medicine, 2011, 105, 1748-1754.	2.9	20
148	Social factors related to the clinical severity of influenza cases in Spain during the A (H1N1) 2009 virus pandemic. BMC Public Health, 2013, 13, 118.	2.9	20
149	Effect of CPAP treatment on plasma high sensitivity troponin levels in patients with obstructive sleep apnea. Respiratory Medicine, 2014, 108, 1060-1063.	2.9	20
150	Estudio de intervenciÃ³n aleatorizado para evaluar la prevalencia de enfermedad ateromatosa y renal ocultas y su impacto en la morbimortalidad: Proyecto ILERVAS. Nefrologia, 2016, 36, 389-396.	0.4	20
151	Characterization of the CPAP-treated patient population in Catalonia. PLoS ONE, 2017, 12, e0185191.	2.5	20
152	Differential blood pressure response toÂcontinuous positive airway pressure treatment according to the circadian pattern in hypertensive patients with obstructive sleep apnoea. European Respiratory Journal, 2019, 54, 1900098.	6.7	20
153	Comparison of realâ€time and droplet digital PCR to detect and quantify SARSâ€CoVâ€2 RNA in plasma. European Journal of Clinical Investigation, 2021, 51, e13501.	3.4	20
154	Â3-Adrenergic receptor Trp64Arg polymorphism and increased body mass index in sleep apnoea. European Respiratory Journal, 2007, 30, 743-747.	6.7	19
155	Dayâ€“night variations in endothelial dysfunction markers and haemostatic factors in sleep apnoea. European Respiratory Journal, 2012, 39, 913-918.	6.7	19
156	Prognosis of hospitalized patients with 2009 H1N1 influenza in Spain: influence of neuraminidase inhibitors. Journal of Antimicrobial Chemotherapy, 2012, 67, 1739-1745.	3.0	19
157	Corneal Biomechanical Properties in Floppy Eyelid Syndrome. Cornea, 2015, 34, 521-524.	1.7	19
158	Efficacy of Home Single-Channel Nasal Pressure for Recommending Continuous Positive Airway Pressure Treatment in Sleep Apnea. Sleep, 2015, 38, 13-21.	1.1	19
159	Risk of exacerbation in chronic obstructive pulmonary disease: a primary care retrospective cohort study. BMC Family Practice, 2015, 16, 173.	2.9	19
160	Screening for Obstructive Sleep Apnea in the Assessment of Coronary Risk. American Journal of Cardiology, 2017, 119, 996-1002.	1.6	19
161	Resistant/Refractory Hypertension and Sleep Apnoea: Current Knowledge and Future Challenges. Journal of Clinical Medicine, 2019, 8, 1872.	2.4	19
162	Effect of age on the cardiovascular remodelling induced by chronic intermittent hypoxia as a murine model of sleep apnoea. Respirology, 2020, 25, 312-320.	2.3	19

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163	Peripheral blood microRNAs and the COVID-19 patient: methodological considerations, technical challenges and practice points. RNA Biology, 2021, 18, 688-695.	3.1	19
164	The HIPARCO-2 study: long-term effect of continuous positive airway pressure on blood pressure in patients with resistant hypertension: a multicenter prospective study. Journal of Hypertension, 2021, 39, 302-309.	0.5	19
165	Sleep duration and risk of cardiovascular events: The SAVE study. International Journal of Stroke, 2020, 15, 858-865.	5.9	19
166	Liraglutide Improves Forced Vital Capacity in Individuals With Type 2 Diabetes: Data From the Randomized Crossover LIRALUNG Study. Diabetes, 2022, 71, 315-320.	0.6	19
167	Risk factors for exacerbation in chronic obstructive pulmonary disease: a prospective study. International Journal of Tuberculosis and Lung Disease, 2016, 20, 389-395.	1.2	18
168	Redesigning Care for OSA. Chest, 2020, 157, 966-976.	0.8	18
169	Cost-effectiveness of positive airway pressure modalities in obesity hypoventilation syndrome with severe obstructive sleep apnoea. Thorax, 2020, 75, 459-467.	5.6	18
170	One-year mortality after ICU admission due to COVID-19 infection. Intensive Care Medicine, 2022, 48, 366-368.	8.2	18
171	Should all sleep apnoea patients be treated?. Sleep Medicine Reviews, 2002, 6, 7-14.	8.5	17
172	Mental disorders in chronic obstructive pulmonary diseases. Perspectives in Psychiatric Care, 2018, 54, 398-404.	1.9	17
173	Identification and validation of circulating miRNAs as endogenous controls in obstructive sleep apnea. PLoS ONE, 2019, 14, e0213622.	2.5	17
174	Mediterranean diet, physical activity and subcutaneous advanced glycation end-productsâ€™ accumulation: a cross-sectional analysis in the ILERVAS project. European Journal of Nutrition, 2020, 59, 1233-1242.	3.9	17
175	Implementing mHealth-Enabled Integrated Care for Complex Chronic Patients With Osteoarthritis Undergoing Primary Hip or Knee Arthroplasty: Prospective, Two-Arm, Parallel Trial. Journal of Medical Internet Research, 2021, 23, e28320.	4.3	17
176	MicroRNAs to guide medical decision-making in obstructive sleep apnea: A review. Sleep Medicine Reviews, 2021, 59, 101458.	8.5	17
177	Chronic intermittent hypoxia preserves bone density in a mouse model of sleep apnea. Respiratory Physiology and Neurobiology, 2013, 189, 646-648.	1.6	16
178	Effectiveness of vaccination with 23-valent pneumococcal polysaccharide vaccine in preventing hospitalization with laboratory confirmed influenza during the 2009-2010 and 2010-2011 seasons. Human Vaccines and Immunotherapeutics, 2013, 9, 865-873.	3.3	16
179	Factors associated with the changes from a resistant to a refractory phenotype in hypertensive patients: a Pragmatic Longitudinal Study. Hypertension Research, 2019, 42, 1708-1715.	2.7	16
180	Predictors of long-term adherence to continuous positive airway pressure in patients with obstructive sleep apnoea and acute coronary syndrome. Journal of Thoracic Disease, 2018, 10, S124-S134.	1.4	15

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