

Silke Ryan

List of Publications by Citations

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Version: 2024-04-23

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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.

62

papers

2,829

citations

27

h-index

53

g-index

66

ext. papers

3,334

ext. citations

6.3

avg, IF

5.47

L-index

#	Paper	IF	Citations
62	Selective activation of inflammatory pathways by intermittent hypoxia in obstructive sleep apnea syndrome. <i>Circulation</i> , 2005 , 112, 2660-7	16.7	678
61	Predictors of elevated nuclear factor-kappaB-dependent genes in obstructive sleep apnea syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 824-30	10.2	270
60	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
59	Cardiovascular risk markers in obstructive sleep apnoea syndrome and correlation with obesity. <i>Thorax</i> , 2007 , 62, 509-14	7.3	95
58	A critical role for p38 map kinase in NF-kappaB signaling during intermittent hypoxia/reoxygenation. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 355, 728-33	3.4	93
57	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
56	Obstructive sleep apnea and inflammation: relationship to cardiovascular co-morbidity. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 475-81	2.8	86
55	Clinical Phenotypes and Comorbidity in European Sleep Apnoea Patients. <i>PLoS ONE</i> , 2016 , 11, e0163439	3.7	83
54	Intermittent hypoxia in obstructive sleep apnoea mediates insulin resistance through adipose tissue inflammation. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	81
53	Adipose tissue inflammation by intermittent hypoxia: mechanistic link between obstructive sleep apnoea and metabolic dysfunction. <i>Journal of Physiology</i> , 2017 , 595, 2423-2430	3.9	80
52	Sleep apnoea and the heart. <i>European Respiratory Review</i> , 2013 , 22, 333-52	9.8	80
51	Intermittent hypoxia and activation of inflammatory molecular pathways in OSAS. <i>Archives of Physiology and Biochemistry</i> , 2008 , 114, 261-6	2.2	74
50	Insulin resistance, glucose intolerance and diabetes mellitus in obstructive sleep apnoea. <i>Journal of Thoracic Disease</i> , 2015 , 7, 1343-57	2.6	70
49	Sleep quality in chronic obstructive pulmonary disease. <i>Respirology</i> , 2012 , 17, 1119-24	3.6	63
48	Human adipocytes are highly sensitive to intermittent hypoxia induced NF-kappaB activity and subsequent inflammatory gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 447, 660-5	3.4	52
47	Predictors of decreased spontaneous baroreflex sensitivity in obstructive sleep apnea syndrome. <i>Chest</i> , 2007 , 131, 1100-7	5.3	51
46	Severity of obstructive sleep apnoea predicts coronary artery plaque burden: a coronary computed tomographic angiography study. <i>European Respiratory Journal</i> , 2013 , 42, 1263-70	13.6	46

45	Effects of Heated Humidification and Topical Steroids on Compliance, Nasal Symptoms, and Quality of Life in Patients with Obstructive Sleep Apnea Syndrome Using Nasal Continuous Positive Airway Pressure. <i>Journal of Clinical Sleep Medicine</i> , 2009 , 05, 422-427	3.1	45
44	Chronic kidney disease in European patients with obstructive sleep apnea: the ESADA cohort study. <i>Journal of Sleep Research</i> , 2016 , 25, 739-745	5.8	45
43	Effects of salmeterol on sleeping oxygen saturation in chronic obstructive pulmonary disease. <i>Respiration</i> , 2010 , 79, 475-81	3.7	41
42	Adipose tissue as a key player in obstructive sleep apnoea. <i>European Respiratory Review</i> , 2019 , 28,	9.8	40
41	Obstructive sleep apnoea syndrome: translating science to clinical practice. <i>Respirology</i> , 2006 , 11, 136-44	3.6	40
40	Nasal pillows as an alternative interface in patients with obstructive sleep apnoea syndrome initiating continuous positive airway pressure therapy. <i>Journal of Sleep Research</i> , 2011 , 20, 367-73	5.8	38
39	Challenges in obstructive sleep apnoea. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 170-172	35.1	35
38	Mild obstructive sleep apnoea: clinical relevance and approaches to management. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 826-834	35.1	35
37	The genetics of obstructive sleep apnoea. <i>Current Opinion in Pulmonary Medicine</i> , 2010 , 16, 536-42	3	34
36	Electrocardiogram Recording as a Screening Tool for Sleep Disordered Breathing. <i>Journal of Clinical Sleep Medicine</i> , 2008 , 04, 223-228	3.1	28
35	Remote monitoring of oxygen saturation in individuals with COVID-19 pneumonia. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	27
34	Effects of heated humidification and topical steroids on compliance, nasal symptoms, and quality of life in patients with obstructive sleep apnea syndrome using nasal continuous positive airway pressure. <i>Journal of Clinical Sleep Medicine</i> , 2009 , 5, 422-7	3.1	25
33	Fixed But Not Autoadjusting Positive Airway Pressure Attenuates the Time-dependent Decline in Glomerular Filtration Rate in Patients With OSA. <i>Chest</i> , 2018 , 154, 326-334	5.3	24
32	Mechanisms of cardiovascular disease in obstructive sleep apnoea. <i>Journal of Thoracic Disease</i> , 2018 , 10, S4201-S4211	2.6	23
31	Nondipping Nocturnal Blood Pressure Predicts Sleep Apnea in Patients With Hypertension. <i>Journal of Clinical Sleep Medicine</i> , 2019 , 15, 957-963	3.1	21
30	CrossTalk proposal: Metabolic syndrome causes sleep apnoea. <i>Journal of Physiology</i> , 2016 , 594, 4687-90	3.9	19
29	Inflammatory cardiovascular risk markers in obstructive sleep apnoea syndrome. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2009 , 7, 76-81	1.9	19
28	European Respiratory Society statement on sleep apnoea, sleepiness and driving risk. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	15

27	Cancer prevalence is increased in females with sleep apnoea: data from the ESADA study. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	12
26	Understanding the pathophysiological mechanisms of cardiometabolic complications in obstructive sleep apnoea: towards personalised treatment approaches. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	12
25	Ambulatory detection of sleep apnea using a non-contact biomotion sensor. <i>Journal of Sleep Research</i> , 2020 , 29, e12889	5.8	9
24	Change in weight and central obesity by positive airway pressure treatment in obstructive sleep apnea patients: longitudinal data from the ESADA cohort. <i>Journal of Sleep Research</i> , 2018 , 27, e12705	5.8	9
23	Evaluation of a multicomponent grading system for obstructive sleep apnoea: the Baveno classification. <i>ERJ Open Research</i> , 2021 , 7,	3.5	8
22	Tocilizumab therapy in individuals with COVID-19 infection and hyperinflammatory state. <i>Respirology</i> , 2020 , 25, 1090-1094	3.6	7
21	The Impact of Telehealth on the Organization of the Health System and Integrated Care. <i>Sleep Medicine Clinics</i> , 2020 , 15, 431-440	3.6	6
20	Sleep and diabetes. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 555-560	3	5
19	Diagnostic accuracy of carotid intima media thickness in predicting coronary plaque burden on coronary computed tomography angiography in patients with obstructive sleep apnoea. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 227-233	2.8	4
18	Comparison of baroreflex sensitivity measures for assessing subjects with obstructive sleep apnea. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 3572-5		4
17	Unique sleep-stage transitions determined by obstructive sleep apnea severity, age and gender. <i>Journal of Sleep Research</i> , 2020 , 29, e12895	5.8	4
16	Mechanisms of intermittent hypoxia-mediated macrophage activation - potential therapeutic targets for obstructive sleep apnoea. <i>Journal of Sleep Research</i> , 2021 , 30, e13202	5.8	4
15	Prolonged Unexplained Hypoxemia as Initial Presentation of Cirrhosis: A Case Report. <i>American Journal of Case Reports</i> , 2017 , 18, 1-6	1.3	3
14	Effects of sleep apnea and kidney dysfunction on objective sleep quality in nondialyzed patients with chronic kidney disease: an ESADA study. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 1475-1481	3.1	3
13	Cardiovascular manifestations in obstructive sleep apnea: current evidence and potential mechanisms. <i>Polish Archives of Internal Medicine</i> , 2021 , 131, 550-560	1.9	3
12	Non-dipping nocturnal blood pressure correlates with obstructive sleep apnoea severity in normotensive subjects and may reverse with therapy. <i>ERJ Open Research</i> , 2021 , 7,	3.5	3
11	Estimation of respiration rate and sleeping position using a wearable accelerometer. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 4668-4671	0.9	2
10	Impact of Sleep Apnea on Cardioembolic Risk in Patients With Atrial Fibrillation: Data From the ESADA Cohort. <i>Stroke</i> , 2021 , 52, 712-715	6.7	2

9	Serum sCD163 as a biomarker of adipose tissue inflammation in obstructive sleep apnoea patients: limits and perspectives. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	1
8	Impact of temperature on obstructive sleep apnoea in three different climate zones of Europe: Data from the European Sleep Apnoea Database (ESADA). <i>Journal of Sleep Research</i> , 2021 , 30, e13315	5.8	1
7	Superior hypertension control with betablockade in the European Sleep Apnea Database. <i>Journal of Hypertension</i> , 2021 , 39, 292-301	1.9	0
6	Positive airway pressure (PAP) treatment reduces glycated hemoglobin (HbA1c) levels in obstructive sleep apnea patients with concomitant weight loss: Longitudinal data from the ESADA. <i>Journal of Sleep Research</i> , 2021 , 30, e13331	5.8	0
5	Rebuttal from Alexandros N. Vgontzas, Jordan Gaines, Silke Ryan and Walter T. McNicholas. <i>Journal of Physiology</i> , 2016 , 594, 4695	3.9	
4	Obstructive Sleep Apnea and Other Respiratory Disorders in Obesity 2016 , 679-692		
3	Genetics of Cardiovascular Consequences of Obstructive Sleep Apnea Syndrome. <i>Sleep Medicine Clinics</i> , 2011 , 6, 247-256	3.6	
2	The effect of continuous positive airway pressure on C-reactive protein levels in patients with obstructive sleep apnea syndrome. <i>Chest</i> , 2010 , 137, 496-7; author reply 497-8	5.3	
1	Obstructive Sleep Apnea and Other Respiratory Disorders in Obesity 2015 , 1-17		