

# Walter T Mcnicholas

## List of Publications by Year in descending order

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Version: 2024-02-01

136  
papers

10,514  
citations

34105

52  
h-index

32842

100  
g-index

139  
all docs

139  
docs citations

139  
times ranked

8159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of other respiratory conditions and disorders during sleep. , 2023, , 521-528.		0
2	Medico Legal and Economic Aspects of OSA. , 2022, , 261-266.		0
3	The European Sleep Research Society â€œ past, present and future. Journal of Sleep Research, 2022, , e13601.	3.2	3
4	Bidirectional relationships of comorbidity with obstructive sleep apnoea. European Respiratory Review, 2022, 31, 210256.	7.1	46
5	Chronic Obstructive Pulmonary Diseaseâ€œObstructive Sleep Apnea Overlap: More Than a Casual Acquaintance. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 139-141.	5.6	3
6	Obstructive sleep apnea: transition from pathophysiology to an integrative disease model. Journal of Sleep Research, 2022, 31, .	3.2	43
7	Management of obstructive sleep apnea in Europe â€œ A 10-year follow-up. Sleep Medicine, 2022, 97, 64-72.	1.6	13
8	The Sleep Revolution project: the concept and objectives. Journal of Sleep Research, 2022, 31, .	3.2	24
9	Clusters of sleep apnoea phenotypes: A large panâ€œEuropean study from the European Sleep Apnoea Database (ESADA). Respirology, 2021, 26, 378-387.	2.3	34
10	Reliability of the Turkish version of the European Obstructive Sleep Apnea Screening (EUROSAS) questionnaire for drivers. Sleep and Breathing, 2021, 25, 907-913.	1.7	3
11	European Respiratory Society statement on sleep apnoea, sleepiness and driving risk. European Respiratory Journal, 2021, 57, 2001272.	6.7	48
12	Evaluation of a multicomponent grading system for obstructive sleep apnoea: the Baveno classification. ERJ Open Research, 2021, 7, 00928-2020.	2.6	36
13	Positive airway pressure (PAP) treatment reduces glycosylated hemoglobin (HbA1c) levels in obstructive sleep apnea patients with concomitant weight loss: Longitudinal data from the ESADA. Journal of Sleep Research, 2021, 30, e13331.	3.2	3
14	Sleep medicine catalogue of knowledge and skills â€œ Revision. Journal of Sleep Research, 2021, 30, e13394.	3.2	10
15	Non-dipping nocturnal blood pressure correlates with obstructive sleep apnoea severity in normotensive subjects and may reverse with therapy. ERJ Open Research, 2021, 7, 00338-2021.	2.6	9
16	Excessive Daytime Sleepiness in Obstructive Sleep Apnea Patients Treated With Continuous Positive Airway Pressure: Data From the European Sleep Apnea Database. Frontiers in Neurology, 2021, 12, 690008.	2.4	24
17	Sleepiness Behind the Wheel and the Implementation of European Driving Regulations. Sleep Medicine Clinics, 2021, 16, 533-543.	2.6	1
18	Getting More from the Sleep Recording. Sleep Medicine Clinics, 2021, 16, 567-574.	2.6	2

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19	European Respiratory Society guideline on non-CPAP therapies for obstructive sleep apnoea. <i>European Respiratory Review</i> , 2021, 30, 210200.	7.1	75
20	Ambulatory detection of sleep apnea using a non-contact biomotion sensor. <i>Journal of Sleep Research</i> , 2020, 29, e12889.	3.2	17
21	Sleep duration and physical function in people with severe obesity: a prospective cross-sectional study. <i>Irish Journal of Medical Science</i> , 2020, 189, 517-523.	1.5	2
22	Active management of mild obstructive sleep apnoea: the evidence grows. <i>Lancet Respiratory Medicine</i> , 2020, 8, 322-323.	10.7	3
23	Mild obstructive sleep apnea increases hypertension risk, challenging traditional severity classification. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 889-898.	2.6	37
24	The Impact of Telehealth on the Organization of the Health System and Integrated Care. <i>Sleep Medicine Clinics</i> , 2020, 15, 431-440.	2.6	8
25	Technologic advances in the assessment and management of obstructive sleep apnoea beyond the apnoea-hypopnoea index: a narrative review. <i>Journal of Thoracic Disease</i> , 2020, 12, 5020-5038.	1.4	21
26	Sleep apnoea management in Europe during the COVID-19 pandemic: data from the European Sleep Apnoea Database (ESADA). <i>European Respiratory Journal</i> , 2020, 55, 2001323.	6.7	77
27	On the rise and fall of the apnea-hypopnea index: A historical review and critical appraisal. <i>Journal of Sleep Research</i> , 2020, 29, e13066.	3.2	167
28	EAN/ERS/ESO/ESRS statement on the impact of sleep disorders on risk and outcome of stroke. <i>European Respiratory Journal</i> , 2020, 55, 1901104.	6.7	61
29	Sleep Disturbances and Disorders: A Poorly Recognized Accident Risk. <i>Sleep Medicine Clinics</i> , 2019, 14, xiii-xiv.	2.6	0
30	Nondipping Nocturnal Blood Pressure Predicts Sleep Apnea in Patients With Hypertension. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 957-963.	2.6	31
31	Obstructive sleep apnoea and comorbidity – an overview of the association and impact of continuous positive airway pressure therapy. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 251-261.	2.5	27
32	Cancer prevalence is increased in females with sleep apnoea: data from the ESADA study. <i>European Respiratory Journal</i> , 2019, 53, 1900091.	6.7	22
33	Comment to the Editorial by KS Park and EW Kang – is only fixed positive airway pressure a robust tool for kidney protection in patients with obstructive sleep apnea? <i>Journal of Thoracic Disease</i> , 2019, 11, S480-S482.	1.4	0
34	Sleep in chronic respiratory disease: COPD and hypoventilation disorders. <i>European Respiratory Review</i> , 2019, 28, 190064.	7.1	69
35	Sleepiness and Driving. <i>Sleep Medicine Clinics</i> , 2019, 14, 491-498.	2.6	10
36	Does Associated Chronic Obstructive Pulmonary Disease Increase Morbidity and Mortality in Obstructive Sleep Apnea?. <i>Annals of the American Thoracic Society</i> , 2019, 16, 50-53.	3.2	3

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37	Challenges in obstructive sleep apnoea. <i>Lancet Respiratory Medicine</i> , 2018, 6, 170-172.	10.7	45
38	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.	0.8	30
39	Comorbid obstructive sleep apnoea and chronic obstructive pulmonary disease and the risk of cardiovascular disease. <i>Journal of Thoracic Disease</i> , 2018, 10, S4253-S4261.	1.4	36
40	Diagnostic criteria for obstructive sleep apnea: time for reappraisal. <i>Journal of Thoracic Disease</i> , 2018, 10, 531-533.	1.4	3
41	Treatment choice by patients with obstructive sleep apnea: data from two centers in China. <i>Journal of Thoracic Disease</i> , 2018, 10, 1941-1950.	1.4	15
42	Obstructive sleep apnoea and cardiovascular comorbidity—growing evidence of independent association but recent doubts about benefits from therapy. <i>Journal of Thoracic Disease</i> , 2018, 10, S4186-S4188.	1.4	0
43	Identifying and treating obstructive sleep apnea in sleepy drivers: Everybody wins. <i>Journal of Sleep Research</i> , 2018, 27, e12787.	3.2	1
44	Challenges and perspectives in obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2018, 52, 1702616.	6.7	166
45	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.	3.2	22
46	Response. <i>Chest</i> , 2018, 154, 225-226.	0.8	0
47	Obstructive sleep apnoea as a cause of nocturnal nondipping blood pressure: recent evidence regarding clinical importance and underlying mechanisms. <i>European Respiratory Journal</i> , 2017, 49, 1601818.	6.7	37
48	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.	1.3	6
49	COPD-OSA Overlap Syndrome. <i>Chest</i> , 2017, 152, 1318-1326.	0.8	145
50	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. <i>European Respiratory Journal</i> , 2017, 49, 1600959.	6.7	239
51	Obstructive sleep apnoea of mild severity. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 506-511.	2.6	9
52	Continuous positive airway pressure therapy and cardiovascular outcomes in obstructive sleep apnoea syndrome: where are we now?. <i>Journal of Thoracic Disease</i> , 2016, 8, E1644-E1646.	1.4	17
53	Clinical Phenotypes and Comorbidity in European Sleep Apnoea Patients. <i>PLoS ONE</i> , 2016, 11, e0163439.	2.5	118
54	Variability in recording and scoring of respiratory events during sleep in Europe: a need for uniform standards. <i>Journal of Sleep Research</i> , 2016, 25, 144-157.	3.2	28

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55	Screening for sleep-disordered breathing: the continuing search for a reliable predictive questionnaire. <i>Lancet Respiratory Medicine</i> , 2016, 4, 683-685.	10.7	9
56	CrossTalk proposal: Metabolic syndrome causes sleep apnoea. <i>Journal of Physiology</i> , 2016, 594, 4687-4690.	2.9	28
57	Rebuttal from Alexandros N. Vgontzas, Jordan Gaines, Silke Ryan and Walter T. McNicholas. <i>Journal of Physiology</i> , 2016, 594, 4695-4695.	2.9	0
58	Mild obstructive sleep apnoea: clinical relevance and approaches to management. <i>Lancet Respiratory Medicine</i> , 2016, 4, 826-834.	10.7	49
59	New rules on driver licensing for patients with obstructive sleep apnea: European Union Directive 2014/85/EU. <i>Journal of Sleep Research</i> , 2016, 25, 3-4.	3.2	23
60	New rules on driver licensing for patients with obstructive sleep apnoea: EU Directive 2014/85/EU. <i>European Respiratory Journal</i> , 2016, 47, 39-41.	6.7	32
61	Driving risk in obstructive sleep apnoea: Do new European regulations contribute to safer roads?. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 473-475.	2.5	2
62	Chronic obstructive pulmonary disease and obstructive sleep apnoea-the overlap syndrome. <i>Journal of Thoracic Disease</i> , 2016, 8, 236-42.	1.4	31
63	Sleepiness at the wheel across Europe: a survey of 19 countries. <i>Journal of Sleep Research</i> , 2015, 24, 242-253.	3.2	123
64	Obstructive sleep apnoea syndrome. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15015.	30.5	681
65	Invariant Natural Killer T Cell Deficiency and Functional Impairment in Sleep Apnea: Links to Cancer Comorbidity. <i>Sleep</i> , 2015, 38, 1629-1634.	1.1	31
66	The diagnostic method has a strong influence on classification of obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2015, 24, 730-738.	3.2	95
67	Introducing a core curriculum for respiratory sleep practitioners. <i>Breathe</i> , 2015, 11, 50-56.	1.3	5
68	Sleep apnoea and driving risk: the need for regulation. <i>European Respiratory Review</i> , 2015, 24, 602-606.	7.1	29
69	Sleep apnoea: a major and under-recognised public health concern. <i>Journal of Thoracic Disease</i> , 2015, 7, 1269-72.	1.4	8
70	Insulin resistance, glucose intolerance and diabetes mellitus in obstructive sleep apnoea. <i>Journal of Thoracic Disease</i> , 2015, 7, 1343-57.	1.4	83
71	Sleep-related disorders in chronic obstructive pulmonary disease. <i>Expert Review of Respiratory Medicine</i> , 2014, 8, 79-88.	2.5	21
72	Comparison of a novel non-contact biomotion sensor with wrist actigraphy in estimating sleep quality in patients with obstructive sleep apnoea. <i>Journal of Sleep Research</i> , 2014, 23, 475-484.	3.2	29

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73	A pilot study of the nocturnal respiration rates in COPD patients in the home environment using a non-contact biomotion sensor. <i>Physiological Measurement</i> , 2014, 35, 2513-2527.	2.1	14
74	Driving habits and risk factors for traffic accidents among sleep apnea patients – a European multicentre cohort study. <i>Journal of Sleep Research</i> , 2014, 23, 689-699.	3.2	46
75	Nocturnal intermittent hypoxia predicts prevalent hypertension in the European Sleep Apnoea Database cohort study. <i>European Respiratory Journal</i> , 2014, 44, 931-941.	6.7	118
76	Sleep apnoea severity independently predicts glycaemic health in nondiabetic subjects: the ESADA study. <i>European Respiratory Journal</i> , 2014, 44, 130-139.	6.7	65
77	Human adipocytes are highly sensitive to intermittent hypoxia induced NF- $\kappa$ B activity and subsequent inflammatory gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 660-665.	2.1	63
78	Diabetes Mellitus Prevalence and Control in Sleep-Disordered Breathing. <i>Chest</i> , 2014, 146, 982-990.	0.8	192
79	Respiratory mechanics and ventilatory control in overlap syndrome and obesity hypoventilation. <i>Respiratory Research</i> , 2013, 14, 132.	3.6	45
80	Recommendations for the management of patients with obstructive sleep apnoea and hypertension. <i>European Respiratory Journal</i> , 2013, 41, 523-538.	6.7	190
81	Severity of obstructive sleep apnoea predicts coronary artery plaque burden: a coronary computed tomographic angiography study. <i>European Respiratory Journal</i> , 2013, 42, 1263-1270.	6.7	61
82	Sleep and breathing disorders: a multidisciplinary approach. <i>European Respiratory Review</i> , 2013, 22, 197-198.	7.1	4
83	Sleep apnoea and hypertension: time for recommendations. <i>European Respiratory Journal</i> , 2013, 41, 505-506.	6.7	6
84	Sleep disorders in COPD: the forgotten dimension. <i>European Respiratory Review</i> , 2013, 22, 365-375.	7.1	140
85	Assessment of sleep-disordered breathing using a non-contact biomotion sensor. <i>Journal of Sleep Research</i> , 2013, 22, 231-236.	3.2	52
86	Screening for diabetes mellitus in patients with OSAS: a case for glycosylated haemoglobin. <i>European Respiratory Journal</i> , 2012, 40, 273-274.	6.7	3
87	Sleep quality in chronic obstructive pulmonary disease. <i>Respirology</i> , 2012, 17, 1119-1124.	2.3	89
88	Disturbed sleep and COPD outcomes: Cart meets horse. <i>Sleep Medicine</i> , 2012, 13, 453-454.	1.6	7
89	Genioglossus fatigue in obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2012, 183, 59-66.	1.6	38
90	Hypoxemia in patients with COPD: cause, effects, and disease progression. <i>International Journal of COPD</i> , 2011, 6, 199.	2.3	222

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91	Obstructive sleep apnea in chronic obstructive pulmonary disease patients. <i>Current Opinion in Pulmonary Medicine</i> , 2011, 17, 79-83.	2.6	43
92	Sleep/wake measurement using a non-contact biomotion sensor. <i>Journal of Sleep Research</i> , 2011, 20, 356-366.	3.2	100
93	Obstructive sleep apnea and inflammation: Relationship to cardiovascular co-morbidity. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 475-481.	1.6	106
94	Effects of Salmeterol on Sleeping Oxygen Saturation in Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2010, 79, 475-481.	2.6	48
95	The genetics of obstructive sleep apnoea. <i>Current Opinion in Pulmonary Medicine</i> , 2010, 16, 536-542.	2.6	39
96	Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 692-700.	5.6	207
97	Obstructive Sleep Apnea and Inflammation. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 392-399.	3.1	135
98	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.	2.6	52
99	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.	2.6	31
100	Genetic aspects of hypertension and metabolic disease in the obstructive sleep apnoea/hypopnoea syndrome. <i>Sleep Medicine Reviews</i> , 2008, 12, 49-63.	8.5	23
101	Diagnosis of Obstructive Sleep Apnea in Adults. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 154-160.	3.5	211
102	Intermittent hypoxia and activation of inflammatory molecular pathways in OSAS. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 261-266.	2.1	90
103	A Portable Automated Assessment Tool for Sleep Apnea Using a Combined Holter-Oximeter. <i>Sleep</i> , 2008, , .	1.1	19
104	Electrocardiogram Recording as a Screening Tool for Sleep Disordered Breathing. <i>Journal of Clinical Sleep Medicine</i> , 2008, 04, 223-228.	2.6	36
105	A portable automated assessment tool for sleep apnea using a combined Holter-oximeter. <i>Sleep</i> , 2008, 31, 1432-9.	1.1	36
106	Cardiovascular outcomes of CPAP therapy in obstructive sleep apnea syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1666-R1670.	1.8	53
107	Cardiovascular risk markers in obstructive sleep apnoea syndrome and correlation with obesity. <i>Thorax</i> , 2007, 62, 509-514.	5.6	118
108	Predictors of Decreased Spontaneous Baroreflex Sensitivity in Obstructive Sleep Apnea Syndrome. <i>Chest</i> , 2007, 131, 1100-1107.	0.8	62

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109	Improved surface EMG electrode for measuring genioglossus muscle activity. <i>Respiratory Physiology and Neurobiology</i> , 2007, 159, 55-67.	1.6	25
110	A critical role for p38 map kinase in NF- $\kappa$ B signaling during intermittent hypoxia/reoxygenation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 728-733.	2.1	106
111	Sleep apnoea as an independent risk factor for cardiovascular disease: current evidence, basic mechanisms and research priorities. <i>European Respiratory Journal</i> , 2006, 29, 156-178.	6.7	731
112	An Official ATS Statement: Grading the Quality of Evidence and Strength of Recommendations in ATS Guidelines and Recommendations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 605-614.	5.6	528
113	Obstructive sleep apnoea syndrome: Translating science to clinical practice. <i>Respirology</i> , 2006, 11, 136-144.	2.3	52
114	Predictors of Elevated Nuclear Factor- $\kappa$ B-dependent Genes in Obstructive Sleep Apnea Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 824-830.	5.6	325
115	Long-term Effects of Nasal Continuous Positive Airway Pressure Therapy on Cardiovascular Outcomes in Sleep Apnea Syndrome. <i>Chest</i> , 2005, 127, 2076-2084.	0.8	439
116	Effects of topical anesthesia on upper airway resistance during wake-sleep transitions. <i>Journal of Applied Physiology</i> , 2005, 99, 549-555.	2.5	19
117	Selective Activation of Inflammatory Pathways by Intermittent Hypoxia in Obstructive Sleep Apnea Syndrome. <i>Circulation</i> , 2005, 112, 2660-2667.	1.6	793
118	Long-acting inhaled anticholinergic therapy improves sleeping oxygen saturation in COPD. <i>European Respiratory Journal</i> , 2004, 23, 825-831.	6.7	127
119	Impact of Nasal Continuous Positive Airway Pressure Therapy on the Quality of Life of Bed Partners of Patients With Obstructive Sleep Apnea Syndrome. <i>Chest</i> , 2003, 124, 2209-2214.	0.8	67
120	Public health and medicolegal implications of sleep apnoea. <i>European Respiratory Journal</i> , 2002, 20, 1594-1609.	6.7	91
121	Controlled oxygen therapy and carbon dioxide retention during exacerbations of chronic obstructive pulmonary disease. <i>Lancet, The</i> , 2001, 357, 526-528.	13.7	56
122	Reflex respiratory response to changes in upper airway pressure in the anaesthetized rat. <i>Journal of Physiology</i> , 2001, 537, 251-265.	2.9	30
123	Impact of Sleep in COPD. <i>Chest</i> , 2000, 117, 48S-53S.	0.8	103
124	Bed Partners's Assessment of Nasal Continuous Positive Airway Pressure Therapy in Obstructive Sleep Apnea. <i>Chest</i> , 1997, 111, 1261-1265.	0.8	50
125	Reversible hypercapnia in chronic obstructive pulmonary disease: A distinct pattern of respiratory failure with a favorable prognosis. <i>American Journal of Medicine</i> , 1997, 102, 239-244.	1.5	122
126	Clinical prediction of the sleep apnea syndrome. <i>Sleep Medicine Reviews</i> , 1997, 1, 19-32.	8.5	54



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127	Ventilation and Gas Exchange During Sleep and Exercise in Severe COPD. Chest, 1996, 109, 387-394.	0.8	123
128	Effects of (nCPAP) on cardiac function awake and asleep. Journal of Sleep Research, 1995, 4, 59-63.	3.2	6
129	Effects of Nasal Airflow on Breathing during Sleep in Normal Humans. The American Review of Respiratory Disease, 1993, 147, 620-623.	2.9	75
130	Theophylline Improves Gas Exchange during Rest, Exercise, and Sleep in Severe Chronic Obstructive Pulmonary Disease. The American Review of Respiratory Disease, 1993, 148, 1030-1036.	2.9	104
131	Theophylline in Obstructive Sleep Apnea. Chest, 1992, 101, 753-757.	0.8	86
132	Comparison of Oxygen Desaturation during Sleep and Exercise in Patients with Cystic Fibrosis. Chest, 1991, 100, 659-662.	0.8	52
133	Upper Airway Obstruction during Sleep in Normal Subjects after Selective Topical Oropharyngeal Anesthesia <sup>1</sup> . The American Review of Respiratory Disease, 1987, 135, 1316-1319.	2.9	118
134	Effect of Supplemental Nocturnal Oxygen on Gas Exchange in Patients with Severe Obstructive Lung Disease. New England Journal of Medicine, 1984, 310, 425-429.	27.0	153
135	Upper lobe bronchiectasis in the yellow nail syndrome : Report of a case. Irish Journal of Medical Science, 1984, 153, 394-395.	1.5	6
136	Abnormal Respiratory Pattern Generation during Sleep in Patients with Autonomic Dysfunction. The American Review of Respiratory Disease, 1983, 128, 429-433.	2.9	90