

Kate Sutherland

List of Publications by Citations

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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.

82
papers

2,035
citations

24
h-index

43
g-index

88
ext. papers

2,538
ext. citations

3
avg, IF

5.17
L-index

#	Paper	IF	Citations
82	Oral appliance treatment for obstructive sleep apnea: an update. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 215-27	3.1	249
81	The effect of mandibular advancement on upper airway structure in obstructive sleep apnoea. <i>Thorax</i> , 2010 , 65, 726-32	7.3	197
80	Obesity and craniofacial structure as risk factors for obstructive sleep apnoea: impact of ethnicity. <i>Respirology</i> , 2012 , 17, 213-22	3.6	126
79	Oral Appliance Treatment Response and Polysomnographic Phenotypes of Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 861-8	3.1	105
78	Phenotypic characterization of taste cells of the mouse small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G1420-8	5.1	104
77	Recognizable clinical subtypes of obstructive sleep apnea across international sleep centers: a cluster analysis. <i>Sleep</i> , 2018 , 41,	1.1	94
76	Effect of weight loss on upper airway size and facial fat in men with obstructive sleep apnoea. <i>Thorax</i> , 2011 , 66, 797-803	7.3	76
75	Computational fluid dynamics for the assessment of upper airway response to oral appliance treatment in obstructive sleep apnea. <i>Journal of Biomechanics</i> , 2013 , 46, 142-50	2.9	61
74	Increased responsiveness of rat colonic splanchnic afferents to 5-HT after inflammation and recovery. <i>Journal of Physiology</i> , 2007 , 579, 203-13	3.9	56
73	Comparative effects of two oral appliances on upper airway structure in obstructive sleep apnea. <i>Sleep</i> , 2011 , 34, 469-77	1.1	54
72	Relationship between surface facial dimensions and upper airway structures in obstructive sleep apnea. <i>Sleep</i> , 2010 , 33, 1249-54	1.1	51
71	Efficacy versus Effectiveness in the Treatment of Obstructive Sleep Apnea: CPAP and Oral Appliances. <i>Journal of Dental Sleep Medicine</i> , 2015 , 02, 175-181	1.1	49
70	Simulation of upper airway occlusion without and with mandibular advancement in obstructive sleep apnea using fluid-structure interaction. <i>Journal of Biomechanics</i> , 2013 , 46, 2586-92	2.9	47
69	CPAP pressure for prediction of oral appliance treatment response in obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 943-9	3.1	42
68	Facial phenotyping by quantitative photography reflects craniofacial morphology measured on magnetic resonance imaging in Icelandic sleep apnea patients. <i>Sleep</i> , 2014 , 37, 959-68	1.1	34
67	P4 medicine approach to obstructive sleep apnoea. <i>Respirology</i> , 2017 , 22, 849-860	3.6	33
66	Influence of oral and craniofacial dimensions on mandibular advancement splint treatment outcome in patients with obstructive sleep apnea. <i>Chest</i> , 2011 , 139, 1331-1339	5.3	30

65	A Global Comparison of Anatomic Risk Factors and Their Relationship to Obstructive Sleep Apnea Severity in Clinical Samples. <i>Journal of Clinical Sleep Medicine</i> , 2019 , 15, 629-639	3.1	30
64	Obstructive sleep apnoea and quality of life in Ehlers-Danlos syndrome: a parallel cohort study. <i>Thorax</i> , 2017 , 72, 729-735	7.3	29
63	Performance of Remotely Controlled Mandibular Protrusion Sleep Studies for Prediction of Oral Appliance Treatment Response. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 411-417	3.1	29
62	Polysomnographic Endotyping to Select Patients with Obstructive Sleep Apnea for Oral Appliances. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1422-1431	4.7	28
61	From CPAP to tailored therapy for obstructive sleep Apnoea. <i>Multidisciplinary Respiratory Medicine</i> , 2018 , 13, 44	3	27
60	Reinventing polysomnography in the age of precision medicine. <i>Sleep Medicine Reviews</i> , 2020 , 52, 101313	30.2	25
59	Differences in respiratory arousal threshold in Caucasian and Chinese patients with obstructive sleep apnoea. <i>Respirology</i> , 2017 , 22, 1015-1021	3.6	24
58	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. <i>Sleep</i> , 2019 , 42,	1.1	24
57	Craniofacial Phenotyping in Chinese and Caucasian Patients With Sleep Apnea: Influence of Ethnicity and Sex. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 1143-1151	3.1	23
56	Critical Issues in Dental and Medical Management of Obstructive Sleep Apnea. <i>Journal of Dental Research</i> , 2020 , 99, 26-35	8.1	22
55	Recent advances in obstructive sleep apnea pathophysiology and treatment. <i>Sleep and Biological Rhythms</i> , 2015 , 13, 26-40	1.3	20
54	Three-dimensional assessment of anatomical balance and oral appliance treatment outcome in obstructive sleep apnoea. <i>Sleep and Breathing</i> , 2016 , 20, 903-10	3.1	19
53	Prediction in obstructive sleep apnoea: diagnosis, comorbidity risk, and treatment outcomes. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 293-307	3.8	17
52	Maxillomandibular Volume Influences the Relationship between Weight Loss and Improvement in Obstructive Sleep Apnea. <i>Sleep</i> , 2016 , 39, 43-9	1.1	17
51	Craniofacial Morphology in Obstructive Sleep Apnea. <i>Clinical Pulmonary Medicine</i> , 2010 , 17, 189-195	0.3	17
50	Awake Multimodal Phenotyping for Prediction of Oral Appliance Treatment Outcome. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 1879-1887	3.1	17
49	Craniofacial phenotyping for prediction of obstructive sleep apnoea in a Chinese population. <i>Respirology</i> , 2016 , 21, 1118-25	3.6	15
48	Phenotyping obstructive sleep apnoea-Bringing precision to oral appliance therapy. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 1185-1191	3.4	15

47	Qualitative assessment of awake nasopharyngoscopy for prediction of oral appliance treatment response in obstructive sleep apnoea. <i>Sleep and Breathing</i> , 2018 , 22, 1029-1036	3.1	14
46	Opportunities for utilizing polysomnography signals to characterize obstructive sleep apnea subtypes and severity. <i>Physiological Measurement</i> , 2018 , 39, 09TR01	2.9	14
45	Sleep disordered breathing: management update. <i>Internal Medicine Journal</i> , 2017 , 47, 1241-1247	1.6	13
44	Mandibular Advancement Splints. <i>Sleep Medicine Clinics</i> , 2016 , 11, 343-52	3.6	12
43	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. <i>Sleep</i> , 2021 , 44,	1.1	12
42	Effect of mandibular advancement splint treatment on tongue shape in obstructive sleep apnea. <i>Sleep and Breathing</i> , 2015 , 19, 857-63	3.1	11
41	Oral Appliance Therapy for Obstructive Sleep Apnoea: State of the Art. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	11
40	Heart rate variability and obstructive sleep apnea: Current perspectives and novel technologies. <i>Journal of Sleep Research</i> , 2021 , 30, e13274	5.8	9
39	What Do We Know About Adherence to Oral Appliances?. <i>Sleep Medicine Clinics</i> , 2021 , 16, 145-154	3.6	8
38	Association between autonomic function and obstructive sleep apnea: A systematic review. <i>Sleep Medicine Reviews</i> , 2021 , 57, 101470	10.2	8
37	Differences in three-dimensional craniofacial anatomy between responders and non-responders to mandibular advancement splint treatment in obstructive sleep apnoea patients. <i>European Journal of Orthodontics</i> , 2019 , 41, 308-315	3.3	8
36	Dose-dependent effects of mandibular advancement on optimal positive airway pressure requirements in obstructive sleep apnoea. <i>Sleep and Breathing</i> , 2020 , 24, 961-969	3.1	8
35	Automatic detection of obstructive sleep apnea using facial images 2017 ,		7
34	Deep Phenotyping in Obstructive Sleep Apnea. A Step Closer to Personalized Therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1317-1318	10.2	7
33	Advanced polysomnographic analysis for OSA: A pathway to personalized management?. <i>Respirology</i> , 2020 , 25, 251-258	3.6	7
32	Health outcomes of continuous positive airway pressure versus mandibular advancement device for the treatment of severe obstructive sleep apnea: an individual participant data meta-analysis. <i>Sleep</i> , 2021 , 44,	1.1	7
31	Magnetic resonance imaging of the upper airway in patients with quadriplegia and obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2018 , 27, e12616	5.8	7
30	Prediction of obstructive sleep apnea using facial landmarks. <i>Physiological Measurement</i> , 2018 , 39, 094004		6

29	Mandibular advancement splints for the treatment of obstructive sleep apnea. <i>Expert Review of Respiratory Medicine</i> , 2020 , 14, 81-88	3.8	6
28	Three-dimensional photography for the evaluation of facial profiles in obstructive sleep apnoea. <i>Respirology</i> , 2018 , 23, 618-625	3.6	5
27	Defining Extreme Phenotypes of OSA Across International Sleep Centers. <i>Chest</i> , 2020 , 158, 1187-1197	5.3	4
26	Obstructive sleep apnea therapy for cardiovascular risk reduction-Time for a rethink?. <i>Clinical Cardiology</i> , 2021 , 44, 1729	3.3	4
25	Clinical screening tools for obstructive sleep apnea in a population with atrial fibrillation: a diagnostic accuracy trial. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 1015-1024	3.1	4
24	Does craniofacial morphology relate to sleep apnea severity reduction following weight loss intervention? A patient-level meta-analysis. <i>Sleep</i> , 2021 , 44,	1.1	4
23	Treatment usage patterns of oral appliances for obstructive sleep apnea over the first 60 days: a cluster analysis. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 1785-1792	3.1	4
22	0459 Diagnostic Performance of Symptomless Obstructive Sleep Apnea Prediction Tools in Clinical and Community-based Samples. <i>Sleep</i> , 2019 , 42, A184-A185	1.1	3
21	Using Two-Way Fluid-Structure Interaction to Study the Collapse of the Upper Airway of OSA Patients. <i>Applied Mechanics and Materials</i> , 2014 , 553, 275-280	0.3	3
20	Predicting the Treatment Response of Oral Appliances for Obstructive Sleep Apnea Using Computational Fluid Dynamics and Fluid-Structure Interaction Simulations 2013 ,		3
19	Craniofacial photography and association with sleep-disordered breathing severity in children. <i>Sleep and Breathing</i> , 2020 , 24, 1173-1179	3.1	3
18	Parsing the craniofacial phenotype: effect of weight change in an obstructive sleep apnoea population. <i>Sleep and Breathing</i> , 2019 , 23, 1291-1298	3.1	2
17	Tetraplegic obstructive sleep apnoea patients dilate the airway similarly to able-bodied obstructive sleep apnoea patients. <i>Journal of Spinal Cord Medicine</i> , 2020 , 1-11	1.9	2
16	Mandibular advancement splint response is associated with the pterygomandibular raphe. <i>Sleep</i> , 2021 , 44,	1.1	2
15	Influence of mandibular advancement on tongue dilatory movement during wakefulness and how this is related to oral appliance therapy outcome for obstructive sleep apnea. <i>Sleep</i> , 2021 , 44,	1.1	2
14	CPAP Treatment and Cardiovascular Prevention: An Alternate Study Design That Includes Excessively Sleepy Patients. <i>Chest</i> , 2020 , 157, 1046-1047	5.3	1
13	Is Cumulative Time of Oxygen Desaturation a Better Predictor of Cardiovascular Mortality than Apnoea Hypopnoea Index?. <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, 2788-2791	0.9	1
12	Comparative effects of CPAP and mandibular advancement splint therapy on blood pressure variability in moderate to severe obstructive sleep apnoea. <i>Sleep Medicine</i> , 2021 , 80, 294-300	4.6	1

11	Volumetric magnetic resonance imaging analysis of multilevel upper airway surgery effects on pharyngeal structure. <i>Sleep</i> , 2021 , 44,	1.1	1
10	Development and validation of a model for diagnosis of obstructive sleep apnoea in primary care. <i>Respirology</i> , 2021 , 26, 989-996	3.6	1
9	Does obstructive sleep apnoea modulate cardiac autonomic function in paroxysmal atrial fibrillation?. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022 , 1	2.4	1
8	Circadian blood pressure profile and blood pressure changes following oral appliance therapy for obstructive sleep apnoea. <i>Journal of Hypertension</i> , 2021 , 39, 2272-2280	1.9	0
7	Is snoring during pregnancy a predictor of later life obstructive sleep apnoea? A case-control study. <i>Sleep Medicine</i> , 2021 , 79, 190-194	4.6	0
6	Oral Appliance Therapy for Sleep-Disordered Breathing 2019 , 2303-2331		
5	Oral Appliance Therapy for Sleep-Disordered Breathing 2018 , 1-29		
4	Obstructive Sleep Apnea: Oral Appliances 2012 , 155-174		
3	A Phenotypic Approach for Personalised Management of Obstructive Sleep Apnoea. <i>Current Otorhinolaryngology Reports</i> , 2021 , 9, 223-237	0.5	
2	Mandibular advancement splints for the treatment of obstructive sleep apnea 2021 ,		
1	Prediction of MAS Therapy Response in Obstructive Sleep Apnoea Patients using Clinical Data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 6040-6043	0.9	