Brendan T Keenan

List of Publications by Year
in descending order

104 papers	4,934 citations	117625 34 h-index	106344 65 g-index
104 all docs	104 docs citations	104 times ranked	7531 citing authors

#	Article	IF	Citations
1	Is the Epworth Sleepiness Scale Sufficient to Identify the Excessively Sleepy Subtype of OSA?. Chest, 2022, 161, 557-561.	0.8	9
2	Diagnostic Performance of Machine Learning-Derived OSA Prediction Tools in Large Clinical and Community-Based Samples. Chest, 2022, 161, 807-817.	0.8	11
3	Continuous positive airway pressure and adverse cardiovascular events in obstructive sleep apnea: are participants of randomized trials representative of sleep clinic patients?. Sleep, 2022, 45, .	1.1	22
4	Obstructive Sleep Apnea Symptom Subtypes and Cardiovascular Risk: Conflicting Evidence to an Important Question. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 729-730.	5.6	2
5	A comparison of ultrasound echo intensity to magnetic resonance imaging as a metric for tongue fat evaluation. Sleep, 2022, 45, .	1.1	5
6	Different components of excessive daytime sleepiness and the change with positive airway pressure treatment in patients with obstructive sleep apnea: Results from the Icelandic Sleep Apnea Cohort (ISAC). Journal of Sleep Research, 2022, 31, e13528.	3.2	5
7	Socioeconomic status impacts blood pressure response to positive airway pressure treatment. Journal of Clinical Sleep Medicine, 2022, 18, 1287-1295.	2.6	2
8	Symptom subtypes and risk of incident cardiovascular and cerebrovascular disease in a clinic-based obstructive sleep apnea cohort. Journal of Clinical Sleep Medicine, 2022, 18, 2093-2102.	2.6	16
9	0744 A Comparison of Visual and Physiologic Assessments of Upper Airway Collapse during Drug-Induced Sleep Endoscopy (DISE). Sleep, 2022, 45, A324-A325.	1.1	0
10	Upper and Lower Airway Dysanapsis and Airflow Obstruction among Older Adults. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 913-917.	5.6	2
11	Reply to Kawada: Weight Loss and Upper Airway Anatomy in Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 270-271.	5.6	0
12	Clinical Radiographic Predictors of Response to Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea. Otolaryngology - Head and Neck Surgery, 2021, 164, 1122-1127.	1.9	6
13	Randomized clinical trials of cardiovascular disease in obstructive sleep apnea: understanding and overcoming bias. Sleep, 2021, 44, .	1.1	73
14	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. Sleep, 2021, 44, .	1.1	34
15	Changes in sleepiness and 24-h blood pressure following 4 months of CPAP treatment are not mediated by ICAM-1. Sleep and Breathing, 2021, 25, 1495-1502.	1.7	3
16	To RCT or not to RCT? Depends on the question. A response to McEvoy et al.. Sleep, 2021, 44, .	1.1	4
17	Using the Remote Monitoring Framework to Promote Adherence to Continuous Positive Airway Pressure. Sleep Medicine Clinics, 2021, 16, 85-99.	2.6	6
18	Home sleep apnea testing of adults with chronic heart failure. Journal of Clinical Sleep Medicine, 2021, 17, 1453-1463.	2.6	13

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19	Heritability of fat distributions in male mice from the founder strains of the Diversity Outbred mouse population. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
20	Effect of Obstructive Sleep Apnea and Positive Airway Pressure Therapy on Cardiac Remodeling as Assessed by Cardiac Biomarker and Magnetic Resonance Imaging in Nonobese and Obese Adults. Hypertension, 2021, 77, 980-992.	2.7	11
21	447 Cost-Effectiveness of a 3-Year Tele-OSA Intervention. Sleep, 2021, 44, A177-A177.	1.1	0
22	455 Obesity modifies the effect of 4 months of CPAP on glucose levels in adults with obstructive sleep apnea. Sleep, 2021, 44, A180-A180.	1.1	0
23	Neck fat and obstructive sleep apnea in obese adolescents. Sleep, 2021, 44, .	1.1	8
24	The dihydropyrimidine dehydrogenase gene contributes to heritable differences in sleep in mice. Current Biology, 2021, 31, 5238-5248.e7.	3.9	5
25	Simple and Unbiased OSA Prescreening: Introduction of a New Morphologic OSA Prediction Score. Nature and Science of Sleep, 2021, Volume 13, 2039-2049.	2.7	7
26	Motivated displacement assay distinguishes ALA neuron mutants from RIS neuron mutants during recovery from heat stress in. MicroPublication Biology, 2021, 2021, .	0.1	0
27	Racial Differences in Functional and Sleep Outcomes with Positive Airway Pressure Treatment. Diagnostics, 2021, 11, 2176.	2.6	2
28	Symptom Subtypes in OSA. Chest, 2021, 160, 2003-2004.	0.8	4
29	Effect of Weight Loss on Upper Airway Anatomy and the Apneaâ€“Hypopnea Index. The Importance of Tongue Fat. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 718-727.	5.6	106
30	Differences in three-dimensional upper airway anatomy between Asian and European patients with obstructive sleep apnea. Sleep, 2020, 43, .	1.1	48
31	Characterization of genetic and phenotypic heterogeneity of obstructive sleep apnea using electronic health records. BMC Medical Genomics, 2020, 13, 105.	1.5	18
32	RNA-seq analysis of galaninergic neurons from ventrolateral preoptic nucleus identifies expression changes between sleep and wake. BMC Genomics, 2020, 21, 633.	2.8	2
33	RACE AND DAYTIME SLEEPINESS AS MODERATORS OF CPAP EFFECT ON BLOOD PRESSURE. Chest, 2020, 158, A2484.	0.8	0
34	Evaluation of Therapeutic Positive Airway Pressure as a Hypoglossal Nerve Stimulation Predictor in Patients With Obstructive Sleep Apnea. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 691.	2.2	22
35	Symptom subtypes and cognitive function in a clinic-based OSA cohort: a multi-centre Canadian study. Sleep Medicine, 2020, 74, 92-98.	1.6	8
36	High-throughput sleep phenotyping produces robust and heritable traits in Diversity Outbred mice and their founder strains. Sleep, 2020, 43, .	1.1	21

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37	CPAP Treatment and Cardiovascular Prevention. Chest, 2020, 157, 1046-1047.	0.8	7
38	Acute Sleep Loss Upregulates the Synaptic Scaffolding Protein, Homer1a, in Non-canonical Sleep/Wake Brain Regions, Claustrum, Piriform and Cingulate Cortices. Frontiers in Neuroscience, 2020, 14, 188.	2.8	11
39	Defining Extreme Phenotypes of OSA Across International Sleep Centers. Chest, 2020, 158, 1187-1197.	0.8	14
40	Multisite validation of a simple electronic health record algorithm for identifying diagnosed obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2020, 16, 175-183.	2.6	21
41	Age attenuates the transcriptional changes that occur with sleep in the medial prefrontal cortex. Aging Cell, 2019, 18, e13021.	6.7	18
42	Blood pressure response to treatment of obese vs nonâ€obese adults with sleep apnea. Journal of Clinical Hypertension, 2019, 21, 1580-1590.	2.0	7
43	Effect of cyclical intermittent hypoxia on Ad5CMVCre induced solitary lung cancer progression and spontaneous metastases in the KrasG12D+; p53fl/fl; myristolated p110fl/fl ROSA-gfp mouse. PLoS ONE, 2019, 14, e0212930.	2.5	12
44	Symptom Subtypes of Obstructive Sleep Apnea Predict Incidence of Cardiovascular Outcomes. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 493-506.	5.6	290
45	Validation of the Nox-T3 Portable Monitor for Diagnosis of Obstructive Sleep Apnea in Patients With Chronic Obstructive Pulmonary Disease. Journal of Clinical Sleep Medicine, 2019, 15, 587-596.	2.6	37
46	Screening for Obstructive Sleep Apnea in Commercial Drivers Using EKG-Derived Respiratory Power Index. Journal of Clinical Sleep Medicine, 2019, 15, 23-32.	2.6	9
47	A Global Comparison of Anatomic Risk Factors and Their Relationship to Obstructive Sleep Apnea Severity in Clinical Samples. Journal of Clinical Sleep Medicine, 2019, 15, 629-639.	2.6	49
48	Recognizable clinical subtypes of obstructive sleep apnea across international sleep centers: a cluster analysis. Sleep, 2018, 41, .	1.1	148
49	Candidate gene analysis in the SÃ£o Paulo Epidemiologic Sleep Study (EPISONO) shows an association of variant in PDE4D and sleepiness. Sleep Medicine, 2018, 47, 106-112.	1.6	7
50	Changing Faces of Obstructive Sleep Apnea: Treatment Effects by Cluster Designation in the Icelandic Sleep Apnea Cohort. Sleep, 2018, 41, .	1.1	109
51	Reduction of the molecular chaperone binding immunoglobulin protein (BiP) accentuates the effect of aging on sleep-wake behavior. Neurobiology of Aging, 2018, 69, 10-25.	3.1	13
52	Serum ferritin and obstructive sleep apneaâ€"epidemiological study. Sleep and Breathing, 2018, 22, 663-672.	1.7	5
53	Lower plasma choline levels are associated with sleepiness symptoms. Sleep Medicine, 2018, 44, 89-96.	1.6	16
54	Changes in Sleep Characteristics and Breathing Parameters During Sleep in Early and Late Pregnancy. Journal of Clinical Sleep Medicine, 2018, 14, 1161-1168.	2.6	43

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55	Physical Activity Following Positive Airway Pressure Treatment in Adults With and Without Obesity and With Moderate-Severe Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2018, 14, 1705-1715.	2.6	1
56	Symptom-Based Subgroups of Koreans With Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2018, 14, 437-443.	2.6	69
57	Dietary challenges differentially affect activity and sleep/wake behavior in mus musculus: Isolating independent associations with diet/energy balance and body weight. PLoS ONE, 2018, 13, e0196743.	2.5	2
58	Dynamic Upper Airway Imaging during Wakefulness in Obese Subjects with and without Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1435-1443.	5.6	28
59	Pleiotropic genetic effects influencing sleep and neurological disorders. Lancet Neurology, The, 2017, 16, 158-170.	10.2	46
60	The obstructive sleep apnoea syndrome in adolescents. Thorax, 2017, 72, 720-728.	5.6	19
61	Inspection Frequency, Sociodemographic Factors, and Food Safety Violations in Chain and Nonchain Restaurants, Philadelphia, Pennsylvania, 2013-2014. Public Health Reports, 2017, 132, 180-187.	2.5	12
62	Heritability of Heart Rate Response to Arousals in Twins. Sleep, 2017, 40, .	1.1	21
63	Digital Morphometrics. Chest, 2017, 152, 330-342.	0.8	33
64	Symptomless Multi-Variable Apnea Prediction Index Assesses Obstructive Sleep Apnea Risk and Adverse Outcomes in Elective Surgery. Sleep, 2017, 40, .	1.1	14
65	Shorter sleep duration is associated with social impairment and comorbidities in ASD. Autism Research, 2017, 10, 1221-1238.	3.8	109
66	Afternoon Napping and Cognition in Chinese Older Adults: Findings from the China Health and Retirement Longitudinal Study Baseline Assessment. Journal of the American Geriatrics Society, 2017, 65, 373-380.	2.6	146
67	Glutamate Is a Wake-Active Neurotransmitter in Drosophila melanogaster. Sleep, 2017, 40, .	1.1	25
68	Validation of the Nox-T3 Portable Monitor for Diagnosis of Obstructive Sleep Apnea in Chinese Adults. Journal of Clinical Sleep Medicine, 2017, 13, 675-683.	2.6	50
69	Mask Refills as a Measure of PAP Adherence. Journal of Clinical Sleep Medicine, 2017, 13, 1337-1344.	2.6	8
70	The Prevalence of Depression among Untreated Obstructive Sleep Apnea Patients Using a Standardized Psychiatric Interview. Journal of Clinical Sleep Medicine, 2016, 12, 105-112.	2.6	49
71	Different cyclical intermittent hypoxia severities have different effects on hippocampal microvasculature. Journal of Applied Physiology, 2016, 121, 78-88.	2.5	17
72	An Examination of Methodological Paradigms for Calculating Upper Airway Critical Pressures during Sleep. Sleep, 2016, 39, 977-987.	1.1	8

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73	Cerebral metabolic rate of oxygen in obstructive sleep apnea at rest and in response to breath-hold challenge. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 755-767.	4.3	26
74	Sleep apnea in total joint arthroplasty patients and the role for cardiac biomarkers for risk stratification: an exploration of feasibility. Biomarkers in Medicine, 2016, 10, 265-300.	1.4	8
75	Automated Protein Localization of Blood Brain Barrier Vasculature in Brightfield IHC Images. PLoS ONE, 2016, 11, e0148411.	2.5	5
76	Arousal Responses during Overnight Polysomnography and their Reproducibility in Healthy Young Adults. Sleep, 2015, 38, 1313-1321.	1.1	38
77	Volumetric <scp>MRI</scp> analysis preâ€•and postâ€Transoral robotic surgery for obstructive sleep apnea. Laryngoscope, 2015, 125, 1988-1995.	2.0	36
78	Simulating obstructive sleep apnea patients' oxygenation characteristics into a mouse model of cyclical intermittent hypoxia. Journal of Applied Physiology, 2015, 118, 544-557.	2.5	33
79	Quality of life among untreated sleep apnea patients compared with the general population and changes after treatment with positive airway pressure. Journal of Sleep Research, 2015, 24, 328-338.	3.2	64
80	Understanding the Anatomic Basis for Obstructive Sleep Apnea Syndrome in Adolescents. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1295-1309.	5.6	92
81	Effects of obesity on the association between longâ€term sleep apnea treatment and changes in interleukinâ€6 levels: the <scp>I</scp>celandic <scp>S</scp>leep <scp>A</scp>pnea <scp>C</scp>ohort. Journal of Sleep Research, 2015, 24, 148-159.	3.2	14
82	Genetics of Sleep Disorders. Psychiatric Clinics of North America, 2015, 38, 667-681.	1.3	29
83	Diagnosis and Treatment of Sleep Disordered Breathing in Hospitalized Cardiac Patients: A Reduction in 30-Day Hospital Readmission Rates. Journal of Clinical Sleep Medicine, 2014, 10, 1051-1059.	2.6	73
84	Obstructive sleep apnoea treatment and fasting lipids: a comparative effectiveness study. European Respiratory Journal, 2014, 44, 405-414.	6.7	31
85	Metabolic Activity of the Tongue in Obstructive Sleep Apnea. A Novel Application of FDG Positron Emission Tomography Imaging. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1416-1425.	5.6	29
86	Alzheimer's disease: early alterations in brain DNA methylation at ANK1, BIN1, RHBDF2 and other loci. Nature Neuroscience, 2014, 17, 1156-1163.	14.8	800
87	Tongue Fat and its Relationship to Obstructive Sleep Apnea. Sleep, 2014, 37, 1639-1648.	1.1	268
88	Heritability of Craniofacial Structures in Normal Subjects and Patients with Sleep Apnea. Sleep, 2014, 37, 1689-1698.	1.1	48
89	Genetic Susceptibility for Alzheimer Disease Neuritic Plaque Pathology. JAMA Neurology, 2013, 70, 1150.	9.0	143
90	The Association Between Obstructive Sleep Apnea and Hypertension by Race/Ethnicity in a Nationally Representative Sample. Journal of Clinical Hypertension, 2013, 15, 593-599.	2.0	35

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91	Association of Environmental and Genetic Factors and Geneâ€“Environment Interactions With Risk of Developing Rheumatoid Arthritis. Arthritis Care and Research, 2013, 65, 1147-1156.	3.4	41
92	CD33 Alzheimer's disease locus: altered monocyte function and amyloid biology. Nature Neuroscience, 2013, 16, 848-850.	14.8	485
93	An RNA Profile Identifies Two Subsets of Multiple Sclerosis Patients Differing in Disease Activity. Science Translational Medicine, 2012, 4, 153ra131.	12.4	56
94	A coding variant in CR1 interacts with APOE-É›4 to influence cognitive decline. Human Molecular Genetics, 2012, 21, 2377-2388.	2.9	90
95	A 17q12 Allele Is Associated with Altered NK Cell Subsets and Function. Journal of Immunology, 2012, 188, 3315-3322.	0.8	24
96	TOMM40 in Cerebral Amyloid Angiopathy Related Intracerebral Hemorrhage: Comparative Genetic Analysis with Alzheimerâ€™s Disease. Translational Stroke Research, 2012, 3, 102-112.	4.2	23
97	Alzheimer Disease Susceptibility Loci: Evidence for a Protein Network under Natural Selection. American Journal of Human Genetics, 2012, 90, 720-726.	6.2	71
98	Functional Screening of Alzheimer Pathology Genome-wide Association Signals in Drosophila. American Journal of Human Genetics, 2011, 88, 232-238.	6.2	81
99	Genetic Risk Score Predicting Risk of Rheumatoid Arthritis Phenotypes and Age of Symptom Onset. PLoS ONE, 2011, 6, e24380.	2.5	43
100	Osteoporosis and Cardiovascular Disease Care in Systemic Lupus Erythematosus According to New Quality Indicators. Seminars in Arthritis and Rheumatism, 2010, 40, 193-200.	3.4	29
101	Expression of CD44 variant isoforms CD44v3 and CD44v6 is increased on T cells from patients with systemic lupus erythematosus and is correlated with disease activity. Arthritis and Rheumatism, 2010, 62, 1431-1437.	6.7	76
102	Effect of interactions of glutathione Sâ€transferase T1, M1, and P1 and HMOX1 gene promoter polymorphisms with heavy smoking on the risk of rheumatoid arthritis. Arthritis and Rheumatism, 2010, 62, 3196-3210.	6.7	45
103	Alcohol consumption and markers of inflammation in women with preclinical rheumatoid arthritis. Arthritis and Rheumatism, 2010, 62, 3554-3559.	6.7	61
104	Cumulative association of 22 genetic variants with seropositive rheumatoid arthritis risk. Annals of the Rheumatic Diseases, 2010, 69, 1077-1085.	0.9	87