

# Paul M Macey

## 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.

162  
papers

5,650  
citations

40  
h-index

70  
g-index

191  
ext. papers

6,429  
ext. citations

3.8  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
162	Brain morphology associated with obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 1382-7	10.2	448
161	A method for removal of global effects from fMRI time series. <i>NeuroImage</i> , <b>2004</b> , 22, 360-6	7.9	331
160	Brain structural changes in obstructive sleep apnea. <i>Sleep</i> , <b>2008</b> , 31, 967-77	1.1	253
159	Anatomical changes in human motor cortex and motor pathways following complete thoracic spinal cord injury. <i>Cerebral Cortex</i> , <b>2009</b> , 19, 224-32	5.1	176
158	Regional brain gray matter loss in heart failure. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 677-84	3.7	174
157	Functional reorganization of the brain in humans following spinal cord injury: evidence for underlying changes in cortical anatomy. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 2630-7	6.6	140
156	Brain injury in autonomic, emotional, and cognitive regulatory areas in patients with heart failure. <i>Journal of Cardiac Failure</i> , <b>2009</b> , 15, 214-23	3.3	126
155	Relationship between obstructive sleep apnea severity and sleep, depression and anxiety symptoms in newly-diagnosed patients. <i>PLoS ONE</i> , <b>2010</b> , 5, e10211	3.7	112
154	fMRI responses to cold pressor challenges in control and obstructive sleep apnea subjects. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1583-95	3.7	112
153	Pain and plasticity: is chronic pain always associated with somatosensory cortex activity and reorganization?. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 14874-84	6.6	104
152	Hypercapnic exposure in congenital central hypoventilation syndrome reveals CNS respiratory control mechanisms. <i>Journal of Neurophysiology</i> , <b>2005</b> , 93, 1647-58	3.2	98
151	Altered global and regional brain mean diffusivity in patients with obstructive sleep apnea. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 2043-52	4.4	97
150	Neural responses during Valsalva maneuvers in obstructive sleep apnea syndrome. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1063-74	3.7	95
149	Brain responses associated with the Valsalva maneuver revealed by functional magnetic resonance imaging. <i>Journal of Neurophysiology</i> , <b>2002</b> , 88, 3477-86	3.2	93
148	Chronic Neuropathic Pain: It's about the Rhythm. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 1008-18	6.6	84
147	Brain axonal and myelin evaluation in heart failure. <i>Journal of the Neurological Sciences</i> , <b>2011</b> , 307, 106-13	3.2	80
146	Functional magnetic resonance signal changes in neural structures to baroreceptor reflex activation. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 693-703	3.7	79

145	Neuroanatomic deficits in congenital central hypoventilation syndrome. <i>Journal of Comparative Neurology</i> , <b>2005</b> , 487, 361-71	3.4	78
144	Diffusion tensor imaging demonstrates brainstem and cerebellar abnormalities in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2008</b> , 64, 275-80	3.2	76
143	Functional magnetic resonance imaging responses to expiratory loading in obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , <b>2003</b> , 138, 275-90	2.8	76
142	Regional brain axial and radial diffusivity changes during development. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 346-55	4.4	75
141	Neural alterations and depressive symptoms in obstructive sleep apnea patients. <i>Sleep</i> , <b>2008</b> , 31, 1103-9	4.1	73
140	Reduced mammillary body volume in patients with obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2008</b> , 438, 330-4	3.3	72
139	Inspiratory loading elicits aberrant fMRI signal changes in obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 151, 44-60	2.8	71
138	Mammillary bodies and fornix fibers are injured in heart failure. <i>Neurobiology of Disease</i> , <b>2009</b> , 33, 236-42	4.5	67
137	Differential responses of the insular cortex gyri to autonomic challenges. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2012</b> , 168, 72-81	2.4	64
136	Functional and structural changes in the brain associated with the increase in muscle sympathetic nerve activity in obstructive sleep apnoea. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 275-83	5.3	58
135	Abnormal myelin and axonal integrity in recently diagnosed patients with obstructive sleep apnea. <i>Sleep</i> , <b>2014</b> , 37, 723-32	1.1	57
134	Functional abnormalities in brain areas that mediate autonomic nervous system control in advanced heart failure. <i>Journal of Cardiac Failure</i> , <b>2005</b> , 11, 437-46	3.3	56
133	Neural alterations associated with anxiety symptoms in obstructive sleep apnea syndrome. <i>Depression and Anxiety</i> , <b>2009</b> , 26, 480-91	8.4	55
132	Sex differences in white matter alterations accompanying obstructive sleep apnea. <i>Sleep</i> , <b>2012</b> , 35, 1603-13	4.13	54
131	fMRI signal changes in response to forced expiratory loading in congenital central hypoventilation syndrome. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 1897-907	3.7	54
130	Rostral brain axonal injury in congenital central hypoventilation syndrome. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 2146-54	4.4	49
129	Brain axial and radial diffusivity changes with age and gender in healthy adults. <i>Brain Research</i> , <b>2013</b> , 1512, 22-36	3.7	47
128	Sleep-disordered breathing: effects on brain structure and function. <i>Respiratory Physiology and Neurobiology</i> , <b>2013</b> , 188, 383-91	2.8	45

127	Regional hippocampal damage in heart failure. <i>European Journal of Heart Failure</i> , <b>2015</b> , 17, 494-500	12.3	44
126	Regional cerebral blood flow alterations in obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2013</b> , 555, 159-64	3.3	44
125	Functional Imaging of Autonomic Regulation: Methods and Key Findings. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 513	5.1	44
124	Reduced Regional Grey Matter Volumes in Pediatric Obstructive Sleep Apnea. <i>Scientific Reports</i> , <b>2017</b> , 7, 44566	4.9	42
123	Heart rate responses to autonomic challenges in obstructive sleep apnea. <i>PLoS ONE</i> , <b>2013</b> , 8, e76631	3.7	41
122	Changes in Brainstem Pain Modulation Circuitry Function over the Migraine Cycle. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 10479-10488	6.6	40
121	Brain putamen volume changes in newly-diagnosed patients with obstructive sleep apnea. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 383-91	5.3	38
120	Age-related regional brain T2-relaxation changes in healthy adults. <i>Journal of Magnetic Resonance Imaging</i> , <b>2012</b> , 35, 300-8	5.6	38
119	FMRI responses to hyperoxia in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2005</b> , 57, 510-8	3.2	38
118	Disrupted functional brain network organization in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , <b>2016</b> , 6, e00441	3.4	36
117	Hyperoxic brain effects are normalized by addition of CO <sub>2</sub> . <i>PLoS Medicine</i> , <b>2007</b> , 4, e173	11.6	36
116	Temporal trends of cardiac and respiratory responses to ventilatory challenges in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2004</b> , 55, 953-9	3.2	36
115	Deep in the brain: Changes in subcortical function immediately preceding a migraine attack. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2651-2663	5.9	34
114	Obstructive sleep apnea and cortical thickness in females and males. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193854	3.7	34
113	Elevated mean diffusivity in widespread brain regions in congenital central hypoventilation syndrome. <i>Journal of Magnetic Resonance Imaging</i> , <b>2006</b> , 24, 1252-8	5.6	34
112	A description of externally recorded womb sounds in human subjects during gestation. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197045	3.7	33
111	Aberrant central nervous system responses to the Valsalva maneuver in heart failure. <i>Congestive Heart Failure</i> , <b>2007</b> , 13, 29-35		33
110	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. <i>Sleep</i> , <b>2016</b> , 39, 989-1000	1.1	32

109	Functional neuroanatomy and sleep-disordered breathing: implications for autonomic regulation. <i>Anatomical Record</i> , <b>2012</b> , 295, 1385-95	2.1	32
108	Central autonomic regulation in congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2010</b> , 167, 1249-56	3.9	32
107	Aberrant neural responses to cold pressor challenges in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2005</b> , 57, 500-9	3.2	32
106	Visual assessment of brain magnetic resonance imaging detects injury to cognitive regulatory sites in patients with heart failure. <i>Journal of Cardiac Failure</i> , <b>2013</b> , 19, 94-100	3.3	31
105	Development of T2-relaxation values in regional brain sites during adolescence. <i>Magnetic Resonance Imaging</i> , <b>2011</b> , 29, 185-93	3.3	31
104	Anatomical changes at the level of the primary synapse in neuropathic pain: evidence from the spinal trigeminal nucleus. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 2508-15	6.6	30
103	Insular cortex metabolite changes in obstructive sleep apnea. <i>Sleep</i> , <b>2014</b> , 37, 951-8	1.1	29
102	Altered brainstem anatomy in migraine. <i>Cephalalgia</i> , <b>2018</b> , 38, 476-486	6.1	28
101	Reduced regional brain cortical thickness in patients with heart failure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126595	3.7	28
100	Hippocampal volume reduction in congenital central hypoventilation syndrome. <i>PLoS ONE</i> , <b>2009</b> , 4, e64367	3.7	28
99	Global and regional brain mean diffusivity changes in patients with heart failure. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 678-85	4.4	27
98	Anatomical changes within the medullary dorsal horn in chronic temporomandibular disorder pain. <i>NeuroImage</i> , <b>2015</b> , 117, 258-66	7.9	27
97	Global and regional putamen volume loss in patients with heart failure. <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 651-5	12.3	27
96	Altered resting-state hippocampal and caudate functional networks in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00994	3.4	26
95	Sex-specific hippocampus volume changes in obstructive sleep apnea. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 305-317	5.3	25
94	Global brain blood-oxygen level responses to autonomic challenges in obstructive sleep apnea. <i>PLoS ONE</i> , <b>2014</b> , 9, e105261	3.7	25
93	Impaired neural structure and function contributing to autonomic symptoms in congenital central hypoventilation syndrome. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 415	5.1	24
92	Affective brain areas and sleep-disordered breathing. <i>Progress in Brain Research</i> , <b>2014</b> , 209, 275-93	2.9	24

91	Impaired cerebellar and limbic responses to the valsalva maneuver in heart failure. <i>Cerebellum</i> , <b>2012</b> , 11, 931-8	4.3	24
90	Mammillary body and fornix injury in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2009</b> , 66, 429-34	3.2	24
89	Global BOLD MRI changes to ventilatory challenges in congenital central hypoventilation syndrome. <i>Respiratory Physiology and Neurobiology</i> , <b>2003</b> , 139, 41-50	2.8	24
88	Altered Regional Brain Cortical Thickness in Pediatric Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 4	4.1	23
87	Ictal depth EEG and MRI structural evidence for two different epileptogenic networks in mesial temporal lobe epilepsy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123588	3.7	23
86	Obstructive sleep apnea is associated with low GABA and high glutamate in the insular cortex. <i>Journal of Sleep Research</i> , <b>2016</b> , 25, 390-4	5.8	23
85	Reversal of functional changes in the brain associated with obstructive sleep apnoea following 6 months of CPAP. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 799-806	5.3	22
84	Accelerated echo-planar J-resolved spectroscopic imaging in the human brain using compressed sensing: a pilot validation in obstructive sleep apnea. <i>American Journal of Neuroradiology</i> , <b>2014</b> , 35, S81-4	4.4	22
83	Progressive gray matter changes in patients with congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2012</b> , 71, 701-6	3.2	21
82	Cognitive test performance and brain pathology. <i>Nursing Research</i> , <b>2008</b> , 57, 75-83	1.9	21
81	Reduced caudate nuclei volumes in patients with congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2009</b> , 163, 1373-9	3.9	20
80	Central nervous system changes in pediatric heart failure: a volumetric study. <i>Pediatric Cardiology</i> , <b>2010</b> , 31, 969-76	2.1	20
79	Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 205-215	5.3	19
78	The relationship between thalamic GABA content and resting cortical rhythm in neuropathic pain. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1945-1956	5.9	18
77	Obstructive sleep apnea is associated with altered midbrain chemical concentrations. <i>Neuroscience</i> , <b>2017</b> , 363, 76-86	3.9	18
76	Selectively diminished corpus callosum fibers in congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2011</b> , 178, 261-9	3.9	17
75	OSA brain morphology differences: magnitude of loss approximates age-related effects. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 1056-7; author reply 1057-8	10.2	16
74	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. <i>Frontiers in Neurology</i> , <b>2016</b> , 7, 87	4.1	16

73	Regional brain response patterns to Cheyne-Stokes breathing. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 150, 87-93	2.8	15
72	Unraveling the effects of plasticity and pain on personality. <i>Journal of Pain</i> , <b>2013</b> , 14, 1642-52	5.2	14
71	Is brain injury in obstructive sleep apnea reversible?. <i>Sleep</i> , <b>2012</b> , 35, 9-10	1.1	14
70	Dilated basilar arteries in patients with congenital central hypoventilation syndrome. <i>Neuroscience Letters</i> , <b>2009</b> , 467, 139-43	3.3	14
69	Cardiac responses to pressor challenges in congenital central hypoventilation syndrome. <i>Somnologie</i> , <b>2002</b> , 6, 109-115	2	14
68	Decreased cortical thickness in central hypoventilation syndrome. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 1728-37	5.1	13
67	Brain metabolites in autonomic regulatory insular sites in heart failure. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 346, 271-5	3.2	12
66	Functional magnetic resonance imaging during hypotension in the developing animal. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 2248-57	3.7	12
65	Fluctuating Regional Brainstem Diffusion Imaging Measures of Microstructure across the Migraine Cycle. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	12
64	Altered regional cerebral blood flow and hypothalamic connectivity immediately prior to a migraine headache. <i>Cephalalgia</i> , <b>2020</b> , 40, 448-460	6.1	11
63	The relationship between inside and outside ambient temperatures in Christchurch, New Zealand. <i>Paediatric and Perinatal Epidemiology</i> , <b>2000</b> , 14, 275-82	2.7	10
62	HomeLog: long-term recording of infant temperature, respiratory and cardiac signals in the home environment. <i>Journal of Paediatrics and Child Health</i> , <b>1992</b> , 28 Suppl 1, S26-32	1.3	10
61	Structural brain alterations in children an average of 5 years after surgery and chemotherapy for brain tumors. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 119, 317-26	4.8	9
60	Neural and physiological responses to a cold pressor challenge in healthy adolescents. <i>Journal of Neuroscience Research</i> , <b>2013</b> , 91, 1618-27	4.4	9
59	Cerebral Autoregulation in Neonates With and Without Congenital Heart Disease. <i>American Journal of Critical Care</i> , <b>2018</b> , 27, 410-416	1.7	9
58	Regional brain tissue integrity in pediatric obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2018</b> , 682, 118-123	3.3	8
57	Sex differences in insular cortex gyri responses to a brief static handgrip challenge. <i>Biology of Sex Differences</i> , <b>2017</b> , 8, 13	9.3	8
56	Images in sleep medicine. Altered cerebral blood flow in a patient with congenital central hypoventilation syndrome. <i>Sleep Medicine</i> , <b>2010</b> , 11, 589-90	4.6	8

55	Weather and the risk of sudden infant death syndrome: the effect of wind. <i>Journal of Epidemiology and Community Health</i> , <b>2000</b> , 54, 333-9	5.1	8
54	Effects of the glial modulator palmitoylethanolamide on chronic pain intensity and brain function. <i>Journal of Pain Research</i> , <b>2019</b> , 12, 2427-2439	2.9	7
53	Cerebral blood flow velocity and vasomotor reactivity during autonomic challenges in heart failure. <i>Nursing Research</i> , <b>2014</b> , 63, 194-202	1.9	7
52	Apnoea detection: human performance and reliability of a computer algorithm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1995</b> , 84, 1103-7	3.1	7
51	Detecting variable responses within fMRI time-series of volumes-of-interest using repeated measures ANOVA. <i>F1000Research</i> , <b>2016</b> , 5, 563	3.6	7
50	Altered Brainstem Pain-Modulation Circuitry Connectivity During Spontaneous Pain Intensity Fluctuations. <i>Journal of Pain Research</i> , <b>2020</b> , 13, 2223-2235	2.9	7
49	Epiglottis cross-sectional area and oropharyngeal airway length in male and female obstructive sleep apnea patients. <i>Nature and Science of Sleep</i> , <b>2016</b> , 8, 297-304	3.6	7
48	Microstructural changes in the trigeminal nerve of patients with episodic migraine assessed using magnetic resonance imaging. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 59	8.8	6
47	Diffusion Tensor Imaging and Neurobehavioral Outcome in Children With Brain Tumors Treated With Chemotherapy. <i>Journal of Pediatric Oncology Nursing</i> , <b>2016</b> , 33, 119-28	2	6
46	Detecting variable responses in time-series using repeated measures ANOVA: Application to physiologic challenges. <i>F1000Research</i> , <b>2016</b> , 5, 563	3.6	6
45	Accelerated Echo Planer J-resolved Spectroscopic Imaging of Putamen and Thalamus in Obstructive Sleep Apnea. <i>Scientific Reports</i> , <b>2016</b> , 6, 31747	4.9	6
44	Expert system for the detection of apnoea. <i>Engineering Applications of Artificial Intelligence</i> , <b>1998</b> , 11, 425-438	7.2	5
43	Structural mechanisms underlying autonomic reactions in pediatric arousal. <i>Sleep Medicine</i> , <b>2002</b> , 3 Suppl 2, S53-6	4.6	5
42	Pathways to interleukin-6 in healthy males and serious leisure male athletes: physical activity, body composition and age. <i>PLoS ONE</i> , <b>2012</b> , 7, e40513	3.7	5
41	White matter microstructure among perinatally HIV-infected youth: a diffusion tensor imaging study. <i>Journal of NeuroVirology</i> , <b>2019</b> , 25, 313-323	3.9	5
40	Effect of Expectation on Pain Processing: A Psychophysics and Functional MRI Analysis. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 6	5.1	4
39	Late-developing rostral ventrolateral medullary surface responses to cardiovascular challenges during sleep. <i>Brain Research</i> , <b>2003</b> , 985, 65-77	3.7	4
38	State influences on ventral medullary surface and physiological responses to sodium cyanide challenges. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 1919-27	3.7	4



37	Changes in ventral medullary light reflectance during hypercapnia in awake and sleeping cats. <i>Neuroscience Letters</i> , <b>2000</b> , 286, 175-8	3.3	4
36	Brainstem Mechanisms of Pain Modulation: A within-Subjects 7T fMRI Study of Placebo Analgesic and Nocebo Hyperalgesic Responses. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 9794-9806	6.6	4
35	Brainstem functional oscillations across the migraine cycle: A longitudinal investigation. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102630	5.3	4
34	Echo-Planar J-resolved Spectroscopic Imaging using Dual Read-outs: Implementation and Quantitation of Human Brain Metabolites. <i>Scientific Reports</i> , <b>2017</b> , 7, 3087	4.9	3
33	An automated framework for predicting obstructive sleep apnea using a brief, daytime, non-intrusive test procedure <b>2015</b> ,		3
32	Neuroimaging of Sleep and Sleep Disorders <b>2013</b> ,		3
31	Altered Brainstem Pain Modulating Circuitry Functional Connectivity in Chronic Painful Temporomandibular Disorder. <i>Journal of Pain</i> , <b>2021</b> , 22, 219-232	5.2	3
30	White matter of perinatally HIV infected older youths shows low frequency fluctuations that may reflect glial cycling. <i>Scientific Reports</i> , <b>2021</b> , 11, 3086	4.9	3
29	365 Mindfulness-Based Stress Reduction Improves Cerebral Blood Flow and Symptoms in Patients With Irritable Bowel Syndrome (IBS). <i>Gastroenterology</i> , <b>2016</b> , 150, S81	13.3	2
28	DTI-based Upper limit of voxel free water fraction. <i>Heliyon</i> , <b>2018</b> , 4, e00700	3.6	2
27	Altered Resting Cerebral Blood Flow in Obstructive Sleep Apnea: A Helpful Change or Not?. <i>Sleep</i> , <b>2015</b> , 38, 1345-7	1.1	2
26	The febrile stress of routine vaccination does not increase central apnoea in normal infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1997</b> , 86, 873-80	3.1	2
25	Neural Alterations and Depressive Symptoms in Obstructive Sleep Apnea Patients. <i>Sleep</i> , <b>2008</b> ,	1.1	2
24	Personality, Sex and Systemic Inflammation. <i>Psychology</i> , <b>2014</b> , 05, 1055-1064	0.5	2
23	Stress in obstructive sleep apnea. <i>Scientific Reports</i> , <b>2021</b> , 11, 12631	4.9	2
22	A gender-aware framework for the daytime detection of obstructive sleep apnea. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 7683-7	0.9	1
21	Quantifying amplitude modulation of breathing in infants using the wavelet transform		1
20	Inspiratory Muscle Training for Obstructive Sleep Apnea: Protocol Development and Feasibility of Home Practice by Sedentary Adults. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 737493	4.6	1

19	2-D MR Spectroscopy Combined with 2-D/3-D Spatial Encoding <b>2016</b> , 1039-1060		1
18	Functional organization of the insula in men and women with obstructive sleep apnea during Valsalva. <i>Sleep</i> , <b>2021</b> , 44,	1.1	1
17	Which came first, obstructive sleep apnoea or hypertension? A retrospective study of electronic records over 10 years, with separation by sex. <i>BMJ Open</i> , <b>2021</b> , 11, e041179	3	1
16	Beat-to-beat blood pressure variability in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 381-392	3.1	1
15	Structural and functional brain abnormalities in Congenital Central Hypoventilation Syndrome <b>2008</b> , 57-70		1
14	Alterations in pain processing circuitries in episodic migraine.. <i>Journal of Headache and Pain</i> , <b>2022</b> , 23, 9	8.8	0
13	Insular functional organization during handgrip in females and males with obstructive sleep apnea. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246368	3.7	0
12	A daytime obstructive sleep apnea severity assessment framework. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 2365-2369	0.9	
11	Neuroimaging of autonomic dysfunction and ventilatory control in obstructive sleep apnea275-283		
10	Structural brain neuroimaging changes in obstructive sleep apnea248-255		
9	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. <i>Anatomical Record</i> , <b>2012</b> , 295, C1-C1	2.1	
8	Central and peripheral temperature change in normal infants. <i>Child: Care, Health and Development</i> , <b>2002</b> , 28 Suppl 1, 35-6	2.8	
7	CENTRAL NEURAL MECHANISMS UNDERLYING DISORDERED BREATHING AND CARDIOVASCULAR CONTROL DURING SLEEP <b>2005</b> , 371-386		
6	Deterministic properties of apnoeas in an abdominal breathing signal. <i>Medical and Biological Engineering and Computing</i> , <b>1999</b> , 37, 335-43	3.1	
5	Brain Regulatory Mechanisms Underlying Breathing: Insights for Sleep Pathology <b>2012</b> , 461-473		
4	428 Baroreflex sensitivity during handgrip in obstructive sleep apnea with and without CPAP. <i>Sleep</i> , <b>2021</b> , 44, A169-A170	1.1	
3	432 Brain Structure and Baroreflex Sensitivity Associations in Obstructive Sleep Apnea with and without CPAP. <i>Sleep</i> , <b>2021</b> , 44, A171-A171	1.1	
2	Accelerated radial echo-planar spectroscopic imaging using golden angle view-ordering and compressed-sensing reconstruction with total variation regularization. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 46-61	4.4	

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