

# Paul M Macey

## List of Publications by Year in descending order

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177  
papers

7,045  
citations

53660

45  
h-index

71532

76  
g-index

192  
all docs

192  
docs citations

192  
times ranked

6496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Morphology Associated with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1382-1387.	2.5	506
2	A method for removal of global effects from fMRI time series. NeuroImage, 2004, 22, 360-366.	2.1	377
3	Brain structural changes in obstructive sleep apnea. Sleep, 2008, 31, 967-77.	0.6	267
4	Anatomical Changes in Human Motor Cortex and Motor Pathways following Complete Thoracic Spinal Cord Injury. Cerebral Cortex, 2009, 19, 224-232.	1.6	216
5	Regional brain gray matter loss in heart failure. Journal of Applied Physiology, 2003, 95, 677-684.	1.2	196
6	Functional Reorganization of the Brain in Humans Following Spinal Cord Injury: Evidence for Underlying Changes in Cortical Anatomy. Journal of Neuroscience, 2011, 31, 2630-2637.	1.7	165
7	Brain Injury in Autonomic, Emotional, and Cognitive Regulatory Areas in Patients With Heart Failure. Journal of Cardiac Failure, 2009, 15, 214-223.	0.7	148
8	Pain and Plasticity: Is Chronic Pain Always Associated with Somatosensory Cortex Activity and Reorganization?. Journal of Neuroscience, 2012, 32, 14874-14884.	1.7	138
9	Relationship between Obstructive Sleep Apnea Severity and Sleep, Depression and Anxiety Symptoms in Newly-Diagnosed Patients. PLoS ONE, 2010, 5, e10211.	1.1	137
10	fMRI responses to cold pressor challenges in control and obstructive sleep apnea subjects. Journal of Applied Physiology, 2003, 94, 1583-1595.	1.2	128
11	Altered global and regional brain mean diffusivity in patients with obstructive sleep apnea. Journal of Neuroscience Research, 2012, 90, 2043-2052.	1.3	120
12	Hypercapnic Exposure in Congenital Central Hypoventilation Syndrome Reveals CNS Respiratory Control Mechanisms. Journal of Neurophysiology, 2005, 93, 1647-1658.	0.9	114
13	Chronic Neuropathic Pain: It's about the Rhythm. Journal of Neuroscience, 2016, 36, 1008-1018.	1.7	110
14	Neural responses during Valsalva maneuvers in obstructive sleep apnea syndrome. Journal of Applied Physiology, 2003, 94, 1063-1074.	1.2	104
15	Brain Responses Associated With the Valsalva Maneuver Revealed by Functional Magnetic Resonance Imaging. Journal of Neurophysiology, 2002, 88, 3477-3486.	0.9	102
16	Brain axonal and myelin evaluation in heart failure. Journal of the Neurological Sciences, 2011, 307, 106-113.	0.3	93
17	Functional magnetic resonance imaging responses to expiratory loading in obstructive sleep apnea. Respiratory Physiology and Neurobiology, 2003, 138, 275-290.	0.7	91
18	Functional magnetic resonance signal changes in neural structures to baroreceptor reflex activation. Journal of Applied Physiology, 2004, 96, 693-703.	1.2	89

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19	Diffusion Tensor Imaging Demonstrates Brainstem and Cerebellar Abnormalities in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2008, 64, 275-280.	1.1	87
20	Mammillary bodies and fornix fibers are injured in heart failure. <i>Neurobiology of Disease</i> , 2009, 33, 236-242.	2.1	85
21	Neuroanatomic deficits in congenital central hypoventilation syndrome. <i>Journal of Comparative Neurology</i> , 2005, 487, 361-371.	0.9	83
22	Inspiratory loading elicits aberrant fMRI signal changes in obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2006, 151, 44-60.	0.7	83
23	Regional brain axial and radial diffusivity changes during development. <i>Journal of Neuroscience Research</i> , 2012, 90, 346-355.	1.3	83
24	Reduced mammillary body volume in patients with obstructive sleep apnea. <i>Neuroscience Letters</i> , 2008, 438, 330-334.	1.0	81
25	Differential responses of the insular cortex gyri to autonomic challenges. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 168, 72-81.	1.4	76
26	Neural alterations and depressive symptoms in obstructive sleep apnea patients. <i>Sleep</i> , 2008, 31, 1103-9.	0.6	75
27	Abnormal Myelin and Axonal Integrity in Recently Diagnosed Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 723-732.	0.6	74
28	Functional and structural changes in the brain associated with the increase in muscle sympathetic nerve activity in obstructive sleep apnoea. <i>NeuroImage: Clinical</i> , 2014, 6, 275-283.	1.4	73
29	Sex Differences in White Matter Alterations Accompanying Obstructive Sleep Apnea. <i>Sleep</i> , 2012, 35, 1603-1613.	0.6	70
30	Reduced Regional Grey Matter Volumes in Pediatric Obstructive Sleep Apnea. <i>Scientific Reports</i> , 2017, 7, 44566.	1.6	66
31	Functional Imaging of Autonomic Regulation: Methods and Key Findings. <i>Frontiers in Neuroscience</i> , 2015, 9, 513.	1.4	65
32	Functional Abnormalities in Brain Areas That Mediate Autonomic Nervous System Control in Advanced Heart Failure. <i>Journal of Cardiac Failure</i> , 2005, 11, 437-446.	0.7	64
33	Neural alterations associated with anxiety symptoms in obstructive sleep apnea syndrome. <i>Depression and Anxiety</i> , 2009, 26, 480-491.	2.0	63
34	Regional hippocampal damage in heart failure. <i>European Journal of Heart Failure</i> , 2015, 17, 494-500.	2.9	63
35	Brain axial and radial diffusivity changes with age and gender in healthy adults. <i>Brain Research</i> , 2013, 1512, 22-36.	1.1	62
36	Changes in Brainstem Pain Modulation Circuitry Function over the Migraine Cycle. <i>Journal of Neuroscience</i> , 2018, 38, 10479-10488.	1.7	61

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37	fMRI signal changes in response to forced expiratory loading in congenital central hypoventilation syndrome. <i>Journal of Applied Physiology</i> , 2004, 97, 1897-1907.	1.2	59
38	Disrupted functional brain network organization in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2016, 6, e00441.	1.0	58
39	Obstructive sleep apnea and cortical thickness in females and males. <i>PLoS ONE</i> , 2018, 13, e0193854.	1.1	58
40	Sleep-disordered breathing: Effects on brain structure and function. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 383-391.	0.7	54
41	Deep in the brain: Changes in subcortical function immediately preceding a migraine attack. <i>Human Brain Mapping</i> , 2018, 39, 2651-2663.	1.9	54
42	Brain putamen volume changes in newly-diagnosed patients with obstructive sleep apnea. <i>NeuroImage: Clinical</i> , 2014, 4, 383-391.	1.4	52
43	Rostral brain axonal injury in congenital central hypoventilation syndrome. <i>Journal of Neuroscience Research</i> , 2010, 88, 2146-2154.	1.3	51
44	Regional cerebral blood flow alterations in obstructive sleep apnea. <i>Neuroscience Letters</i> , 2013, 555, 159-164.	1.0	51
45	Heart Rate Responses to Autonomic Challenges in Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2013, 8, e76631.	1.1	51
46	Sex-specific hippocampus volume changes in obstructive sleep apnea. <i>NeuroImage: Clinical</i> , 2018, 20, 305-317.	1.4	49
47	Age-related regional brain T2-relaxation changes in healthy adults. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 300-308.	1.9	47
48	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2016, 39, 989-1000.	0.6	47
49	Altered resting-state hippocampal and caudate functional networks in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2018, 8, e00994.	1.0	47
50	Hyperoxic Brain Effects Are Normalized by Addition of CO2. <i>PLoS Medicine</i> , 2007, 4, e173.	3.9	46
51	fMRI Responses to Hyperoxia in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2005, 57, 510-518.	1.1	43
52	A description of externally recorded womb sounds in human subjects during gestation. <i>PLoS ONE</i> , 2018, 13, e0197045.	1.1	43
53	Reduced Regional Brain Cortical Thickness in Patients with Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0126595.	1.1	42
54	Temporal Trends of Cardiac and Respiratory Responses to Ventilatory Challenges in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2004, 55, 953-959.	1.1	40

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55	Elevated mean diffusivity in widespread brain regions in congenital central hypoventilation syndrome. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1252-1258.	1.9	40
56	Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage: Clinical</i> , 2018, 20, 205-215.	1.4	39
57	Aberrant Neural Responses to Cold Pressor Challenges in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2005, 57, 500-509.	1.1	38
58	Central autonomic regulation in congenital central hypoventilation syndrome. <i>Neuroscience</i> , 2010, 167, 1249-1256.	1.1	38
59	Visual Assessment of Brain Magnetic Resonance Imaging Detects Injury to Cognitive Regulatory Sites in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, 94-100.	0.7	38
60	Insular Cortex Metabolite Changes in Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 951-958.	0.6	38
61	Global and regional brain mean diffusivity changes in patients with heart failure. <i>Journal of Neuroscience Research</i> , 2015, 93, 678-685.	1.3	38
62	Altered brainstem anatomy in migraine. <i>Cephalalgia</i> , 2018, 38, 476-486.	1.8	38
63	Altered Regional Brain Cortical Thickness in Pediatric Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , 2018, 9, 4.	1.1	38
64	Aberrant Central Nervous System Responses to the Valsalva Maneuver in Heart Failure. <i>Congestive Heart Failure</i> , 2007, 13, 29-35.	2.0	36
65	Affective Brain Areas and Sleep-Disordered Breathing. <i>Progress in Brain Research</i> , 2014, 209, 275-293.	0.9	36
66	Obstructive sleep apnea is associated with low <sc>GABA</sc> and high glutamate in the insular cortex. <i>Journal of Sleep Research</i> , 2016, 25, 390-394.	1.7	36
67	Global and regional putamen volume loss in patients with heart failure. <i>European Journal of Heart Failure</i> , 2011, 13, 651-655.	2.9	35
68	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. <i>Anatomical Record</i> , 2012, 295, 1385-1395.	0.8	35
69	Anatomical Changes at the Level of the Primary Synapse in Neuropathic Pain: Evidence from the Spinal Trigeminal Nucleus. <i>Journal of Neuroscience</i> , 2015, 35, 2508-2515.	1.7	33
70	Brainstem Mechanisms of Pain Modulation: A within-Subjects 7T fMRI Study of Placebo Analgesic and Nocebo Hyperalgesic Responses. <i>Journal of Neuroscience</i> , 2021, 41, 9794-9806.	1.7	33
71	Development of T2-relaxation values in regional brain sites during adolescence. <i>Magnetic Resonance Imaging</i> , 2011, 29, 185-193.	1.0	32
72	Impaired neural structure and function contributing to autonomic symptoms in congenital central hypoventilation syndrome. <i>Frontiers in Neuroscience</i> , 2015, 9, 415.	1.4	32

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73	Anatomical changes within the medullary dorsal horn in chronic temporomandibular disorder pain. <i>NeuroImage</i> , 2015, 117, 258-266.	2.1	32
74	Is Brain Injury in Obstructive Sleep Apnea Reversible?. <i>Sleep</i> , 2012, 35, 9-10.	0.6	30
75	Neural Alterations and Depressive Symptoms in Obstructive Sleep Apnea Patients. <i>Sleep</i> , 2008, , .	0.6	29
76	Mammillary Body and Fornix Injury in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2009, 66, 429-434.	1.1	29
77	Ictal Depth EEG and MRI Structural Evidence for Two Different Epileptogenic Networks in Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0123588.	1.1	29
78	Hippocampal Volume Reduction in Congenital Central Hypoventilation Syndrome. <i>PLoS ONE</i> , 2009, 4, e6436.	1.1	29
79	Global Brain Blood-Oxygen Level Responses to Autonomic Challenges in Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2014, 9, e105261.	1.1	28
80	Reversal of functional changes in the brain associated with obstructive sleep apnoea following 6Months of CPAP. <i>NeuroImage: Clinical</i> , 2015, 7, 799-806.	1.4	28
81	Obstructive sleep apnea is associated with altered midbrain chemical concentrations. <i>Neuroscience</i> , 2017, 363, 76-86.	1.1	28
82	The relationship between thalamic <sc>GABA</sc> content and resting cortical rhythm in neuropathic pain. <i>Human Brain Mapping</i> , 2018, 39, 1945-1956.	1.9	28
83	Altered regional cerebral blood flow and hypothalamic connectivity immediately prior to a migraine headache. <i>Cephalgia</i> , 2020, 40, 448-460.	1.8	28
84	Impaired Cerebellar and Limbic Responses to the Valsalva Maneuver in Heart Failure. <i>Cerebellum</i> , 2012, 11, 931-938.	1.4	27
85	Global BOLD MRI changes to ventilatory challenges in congenital central hypoventilation syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2003, 139, 41-50.	0.7	26
86	Progressive gray matter changes in patients with congenital central hypoventilation syndrome. <i>Pediatric Research</i> , 2012, 71, 701-706.	1.1	26
87	Cognitive Test Performance and Brain Pathology. <i>Nursing Research</i> , 2008, 57, 75-83.	0.8	25
88	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> , 2014, 35, S81-S89.	1.2	25
89	Central Nervous System Changes in Pediatric Heart Failure: A Volumetric Study. <i>Pediatric Cardiology</i> , 2010, 31, 969-976.	0.6	24
90	OSA Brain Morphology Differences. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1056-1057.	2.5	21

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91	Reduced caudate nuclei volumes in patients with congenital central hypoventilation syndrome. <i>Neuroscience</i> , 2009, 163, 1373-1379.	1.1	20
92	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. <i>Frontiers in Neurology</i> , 2016, 7, 87.	1.1	20
93	Regional brain tissue integrity in pediatric obstructive sleep apnea. <i>Neuroscience Letters</i> , 2018, 682, 118-123.	1.0	20
94	Fluctuating Regional Brainstem Diffusion Imaging Measures of Microstructure across the Migraine Cycle. <i>ENeuro</i> , 2019, 6, ENEURO.0005-19.2019.	0.9	20
95	Regional brain response patterns to Cheyne-Stokes breathing. <i>Respiratory Physiology and Neurobiology</i> , 2006, 150, 87-93.	0.7	19
96	Selectively diminished corpus callosum fibers in congenital central hypoventilation syndrome. <i>Neuroscience</i> , 2011, 178, 261-269.	1.1	19
97	Unraveling the Effects of Plasticity and Pain on Personality. <i>Journal of Pain</i> , 2013, 14, 1642-1652.	0.7	17
98	Neural and physiological responses to a cold pressor challenge in healthy adolescents. <i>Journal of Neuroscience Research</i> , 2013, 91, 1618-1627.	1.3	17
99	Epiglottis cross-sectional area and oropharyngeal airway length in male and female obstructive sleep apnea patients. <i>Nature and Science of Sleep</i> , 2016, Volume 8, 297-304.	1.4	17
100	Functional magnetic resonance imaging during hypotension in the developing animal. <i>Journal of Applied Physiology</i> , 2004, 97, 2248-2257.	1.2	16
101	Brain metabolites in autonomic regulatory insular sites in heart failure. <i>Journal of the Neurological Sciences</i> , 2014, 346, 271-275.	0.3	16
102	Stress in obstructive sleep apnea. <i>Scientific Reports</i> , 2021, 11, 12631.	1.6	16
103	Cardiac Responses to Pressor Challenges in Congenital Central Hypoventilation Syndrome. Herzfrequenz-Reaktionen auf Druckauswirkungen bei angeborenem zentralem Hypoventilationssyndrom (CCHS). <i>Somnologie</i> , 2002, 6, 109-115.	0.9	14
104	Dilated basilar arteries in patients with congenital central hypoventilation syndrome. <i>Neuroscience Letters</i> , 2009, 467, 139-143.	1.0	14
105	&lt;p&gt;Altered Brainstem Pain-Modulation Circuitry Connectivity During Spontaneous Pain Intensity Fluctuations&lt;/p&gt;. <i>Journal of Pain Research</i> , 2020, Volume 13, 2223-2235.	0.8	14
106	Decreased Cortical Thickness in Central Hypoventilation Syndrome. <i>Cerebral Cortex</i> , 2012, 22, 1728-1737.	1.6	13
107	Sex differences in insular cortex gyri responses to a brief static handgrip challenge. <i>Biology of Sex Differences</i> , 2017, 8, 13.	1.8	13
108	Cerebral Autoregulation in Neonates With and Without Congenital Heart Disease. <i>American Journal of Critical Care</i> , 2018, 27, 410-416.	0.8	13

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109	Effect of Expectation on Pain Processing: A Psychophysics and Functional MRI Analysis. <i>Frontiers in Neuroscience</i> , 2020, 14, 6.	1.4	13
110	Damage to the hippocampus in obstructive sleep apnea: a link no longer missing. <i>Sleep</i> , 2019, 42, .	0.6	11
111	Microstructural changes in the trigeminal nerve of patients with episodic migraine assessed using magnetic resonance imaging. <i>Journal of Headache and Pain</i> , 2020, 21, 59.	2.5	11
112	HomeLog: Long-term recording of infant temperature, respiratory and cardiac signals in the home environment. <i>Journal of Paediatrics and Child Health</i> , 1992, 28, S26-S32.	0.4	10
113	The relationship between inside and outside ambient temperatures in Christchurch, New Zealand. <i>Paediatric and Perinatal Epidemiology</i> , 2000, 14, 275-282.	0.8	10
114	Structural brain alterations in children an average of 5Âyears after surgery and chemotherapy for brain tumors. <i>Journal of Neuro-Oncology</i> , 2014, 119, 317-326.	1.4	10
115	Brainstem functional oscillations across the migraine cycle: A longitudinal investigation. <i>NeuroImage: Clinical</i> , 2021, 30, 102630.	1.4	10
116	Alterations in pain processing circuitries in episodic migraine. <i>Journal of Headache and Pain</i> , 2022, 23, 9.	2.5	10
117	Altered cerebral blood flow in a patient with congenital central hypoventilation syndrome. <i>Sleep Medicine</i> , 2010, 11, 589-590.	0.8	9
118	Altered Brainstem Pain Modulating Circuitry Functional Connectivity in Chronic Painful Temporomandibular Disorder. <i>Journal of Pain</i> , 2021, 22, 219-232.	0.7	9
119	White matter of perinatally HIV infected older youths shows low frequency fluctuations that may reflect glial cycling. <i>Scientific Reports</i> , 2021, 11, 3086.	1.6	9
120	Apnoea detection: human performance and reliability of a computer algorithm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1995, 84, 1103-1107.	0.7	8
121	Weather and the risk of sudden infant death syndrome: the effect of wind. <i>Journal of Epidemiology and Community Health</i> , 2000, 54, 333-339.	2.0	8
122	Cerebral Blood Flow Velocity and Vasomotor Reactivity During Autonomic Challenges in Heart Failure. <i>Nursing Research</i> , 2014, 63, 194-202.	0.8	8
123	Accelerated Echo Planer J-resolved Spectroscopic Imaging of Putamen and Thalamus in Obstructive Sleep Apnea. <i>Scientific Reports</i> , 2016, 6, 31747.	1.6	8
124	&lt;p&gt;Effects of the glial modulator palmitoylethanolamide on chronic pain intensity and brain function&lt;/p&gt;. <i>Journal of Pain Research</i> , 2019, Volume 12, 2427-2439.	0.8	8
125	White matter microstructure among perinatally HIV-infected youth: a diffusion tensor imaging study. <i>Journal of NeuroVirology</i> , 2019, 25, 313-323.	1.0	8
126	Beat-to-beat blood pressure variability in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 381-392.	1.4	8



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127	Detecting variable responses within fMRI time-series of volumes-of-interest using repeated measures ANOVA. <i>F1000Research</i> , 2016, 5, 563.	0.8	8
128	Pathways to Interleukin-6 in Healthy Males and Serious Leisure Male Athletes: Physical Activity, Body Composition and Age. <i>PLoS ONE</i> , 2012, 7, e40513.	1.1	8
129	Expert system for the detection of apnoea. <i>Engineering Applications of Artificial Intelligence</i> , 1998, 11, 425-438.	4.3	7
130	Diffusion Tensor Imaging and Neurobehavioral Outcome in Children With Brain Tumors Treated With Chemotherapy. <i>Journal of Pediatric Oncology Nursing</i> , 2016, 33, 119-128.	1.5	7
131	Detecting variable responses in time-series using repeated measures ANOVA: Application to physiologic challenges. <i>F1000Research</i> , 2016, 5, 563.	0.8	7
132	Regional hypothalamic, amygdala, and midbrain periaqueductal gray matter recruitment during acute pain in awake humans: A 7-Tesla functional magnetic resonance imaging study. <i>NeuroImage</i> , 2022, 259, 119408.	2.1	7
133	Breathing rate variability in obstructive sleep apnea during wakefulness. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 825-833.	1.4	6
134	State influences on ventral medullary surface and physiological responses to sodium cyanide challenges. <i>Journal of Applied Physiology</i> , 2000, 89, 1919-1927.	1.2	5
135	Structural mechanisms underlying autonomic reactions in pediatric arousal. <i>Sleep Medicine</i> , 2002, 3, S53-S56.	0.8	5
136	Altered Resting Cerebral Blood Flow in Obstructive Sleep Apnea: A Helpful Change or Not?. <i>Sleep</i> , 2015, 38, 1345-1347.	0.6	5
137	Functional organization of the insula in men and women with obstructive sleep apnea during Valsalva. <i>Sleep</i> , 2021, 44, .	0.6	5
138	Inspiratory Muscle Training for Obstructive Sleep Apnea: Protocol Development and Feasibility of Home Practice by Sedentary Adults. <i>Frontiers in Physiology</i> , 2021, 12, 737493.	1.3	5
139	Changes in ventral medullary light reflectance during hypercapnia in awake and sleeping cats. <i>Neuroscience Letters</i> , 2000, 286, 175-178.	1.0	4
140	Late-developing rostral ventrolateral medullary surface responses to cardiovascular challenges during sleep. <i>Brain Research</i> , 2003, 985, 65-77.	1.1	4
141	An automated framework for predicting obstructive sleep apnea using a brief, daytime, non-intrusive test procedure. , 2015, , .		4
142	Echo-Planar J-resolved Spectroscopic Imaging using Dual Read-outs: Implementation and Quantitation of Human Brain Metabolites. <i>Scientific Reports</i> , 2017, 7, 3087.	1.6	4
143	DTI-based Upper limit of voxel free water fraction. <i>Heliyon</i> , 2018, 4, e00700.	1.4	4
144	Insular functional organization during handgrip in females and males with obstructive sleep apnea. <i>PLoS ONE</i> , 2021, 16, e0246368.	1.1	4

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145	Neuroimaging of Sleep and Sleep Disorders. , 2013, , .		4
146	Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study. Nicotine and Tobacco Research, 2022, 24, 1063-1070.	1.4	3
147	The febrile stress of routine vaccination does not increase central apnoea in normal infants. Acta Paediatrica, International Journal of Paediatrics, 1997, 86, 873-880.	0.7	2
148	365 Mindfulness-Based Stress Reduction Improves Cerebral Blood Flow and Symptoms in Patients With Irritable Bowel Syndrome (IBS). Gastroenterology, 2016, 150, S81.	0.6	2
149	Accelerated radial echo-planar spectroscopic imaging using golden angle view-ordering and compressed-sensing reconstruction with total variation regularization. Magnetic Resonance in Medicine, 2021, 86, 46-61.	1.9	2
150	428 Baroreflex sensitivity during handgrip in obstructive sleep apnea with and without CPAP. Sleep, 2021, 44, A169-A170.	0.6	2
151	Personality, Sex and Systemic Inflammation. Psychology, 2014, 05, 1055-1064.	0.3	2
152	Calculating rhythmicity of infant breathing using wavelets. , 2000, , .		1
153	Quantifying amplitude modulation of breathing in infants using the wavelet transform. , 0, , .		1
154	223: Brain Gray Matter Loss in Heart Failure Is Gender-Dependent. Journal of Heart and Lung Transplantation, 2009, 28, S144.	0.3	1
155	A gender-aware framework for the daytime detection of obstructive sleep apnea. , 2015, 2015, 7683-7.		1
156	A daytime obstructive sleep apnea severity assessment framework. , 2016, 2016, 2365-2369.		1
157	Which came first, obstructive sleep apnoea or hypertension? A retrospective study of electronic records over 10 years, with separation by sex. BMJ Open, 2021, 11, e041179.	0.8	1
158	Structural and functional brain abnormalities in Congenital Central Hypoventilation Syndrome. , 2008, , 57-70.		1
159	Pain Following Endoscopic Foreheadplasty Surgery in Women. Aesthetic Surgery Journal, 2021, , .	0.9	1
160	Baroreflex sensitivity during rest and pressor challenges in obstructive sleep apnea patients with and without CPAP. Sleep Medicine, 2022, , .	0.8	1
161	Deterministic properties of apnoeas in an abdominal breathing signal. Medical and Biological Engineering and Computing, 1999, 37, 335-343.	1.6	0
162	Neural signal changes associated with cardiac and respiratory measures vs boxcar analysis in functional magnetic resonance imaging (fMRI). , 0, , .		0

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163	Visualization of respiratory-related neural activity during sleep. , 0, , .		0
164	Central and peripheral temperature change in normal infants. Child: Care, Health and Development, 2002, 28, 35-36.	0.8	0
165	CENTRAL NEURAL MECHANISMS UNDERLYING DISORDERED BREATHING AND CARDIOVASCULAR CONTROL DURING SLEEP. , 2005, , 371-386.		0
166	83: Brain Hippocampal Volumes Are Reduced in Patients with Heart Failure. Journal of Heart and Lung Transplantation, 2009, 28, S94.	0.3	0
167	Left Passive Foot Movement Increases Respiratory Rate In Awake Congenital Central Hypoventilation Syndrome Patients And Controls. , 2011, , .		0
168	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. Anatomical Record, 2012, 295, C1-C1.	0.8	0
169	Clinical Assessment Using Magnetic Resonance Imaging Detects Brain Injury to Regions that Control Memory and Executive Function in Heart Failure. Journal of Cardiac Failure, 2012, 18, S91-S92.	0.7	0
170	Structural brain neuroimaging changes in obstructive sleep apnea. , 0, , 248-255.		0
171	Neuroimaging of autonomic dysfunction and ventilatory control in obstructive sleep apnea. , 0, , 275-283.		0
172	Sa2025 Patients With Irritable Bowel Syndrome (IBS) Have Reduced Blood Flow in the Prefrontal Cortex. Gastroenterology, 2015, 148, S-387.	0.6	0
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