

# Paul M Macey

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9141115/paul-m-macey-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Alterations in pain processing circuitries in episodic migraine.. <i>Journal of Headache and Pain</i> , <b>2022</b> , 23, 9	8.8	0
161	0089 Feasibility of Rapid Measurement of Brain Metabolites in Obstructive Sleep Apnea. <i>Sleep</i> , <b>2022</b> , 45, A40-A40	1.1	
160	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
159	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
158	428 Baroreflex sensitivity during handgrip in obstructive sleep apnea with and without CPAP. <i>Sleep</i> , <b>2021</b> , 44, A169-A170	1.1	
157	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	
156	Stress in obstructive sleep apnea. <i>Scientific Reports</i> , <b>2021</b> , 11, 12631	4.9	2
155	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
154	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
153	Brainstem functional oscillations across the migraine cycle: A longitudinal investigation. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102630	5.3	4
152	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	
151	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
150	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
149	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
148	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
147	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
146	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

145	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
144	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
143	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
142	Fluctuating Regional Brainstem Diffusion Imaging Measures of Microstructure across the Migraine Cycle. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	12
141	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
140	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
139	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
138	Altered brainstem anatomy in migraine. <i>Cephalalgia</i> , <b>2018</b> , 38, 476-486	6.1	28
137	Altered Regional Brain Cortical Thickness in Pediatric Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 4	4.1	23
136	Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 205-215	5.3	19
135	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
134	Sex-specific hippocampus volume changes in obstructive sleep apnea. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 305-317	5.3	25
133	DTI-based Upper limit of voxel free water fraction. <i>Heliyon</i> , <b>2018</b> , 4, e00700	3.6	2
132	Regional brain tissue integrity in pediatric obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2018</b> , 682, 118-123	3.3	8
131	Obstructive sleep apnea and cortical thickness in females and males. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193854	3.7	34
130	A description of externally recorded womb sounds in human subjects during gestation. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197045	3.7	33
129	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
128	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

127	Reduced Regional Grey Matter Volumes in Pediatric Obstructive Sleep Apnea. <i>Scientific Reports</i> , <b>2017</b> , 7, 44566	4.9	42
126	Obstructive sleep apnea is associated with altered midbrain chemical concentrations. <i>Neuroscience</i> , <b>2017</b> , 363, 76-86	3.9	18
125	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
124	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
123	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	
122	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. <i>Sleep</i> , <b>2016</b> , 39, 989-1000	1.1	32
121	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
120	Chronic Neuropathic Pain: It's about the Rhythm. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 1008-18	6.6	84
119	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
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	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
116	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
115	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
114	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. <i>Frontiers in Neurology</i> , <b>2016</b> , 7, 87	4.1	16
113	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
112	2-D MR Spectroscopy Combined with 2-D/3-D Spatial Encoding <b>2016</b> , 1039-1060		1
111	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
110	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

109	Regional hippocampal damage in heart failure. <i>European Journal of Heart Failure</i> , <b>2015</b> , 17, 494-500	12.3	44
108	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
107	An automated framework for predicting obstructive sleep apnea using a brief, daytime, non-intrusive test procedure <b>2015</b> ,		3
106	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
105	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
104	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
103	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
102	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
101	Anatomical changes within the medullary dorsal horn in chronic temporomandibular disorder pain. <i>NeuroImage</i> , <b>2015</b> , 117, 258-66	7.9	27
100	Reduced regional brain cortical thickness in patients with heart failure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126595	3.7	28
99	Functional Imaging of Autonomic Regulation: Methods and Key Findings. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 513	5.1	44
98	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
97	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
96	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
95	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
94	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
93	Insular cortex metabolite changes in obstructive sleep apnea. <i>Sleep</i> , <b>2014</b> , 37, 951-8	1.1	29
92	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

91	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
90	Affective brain areas and sleep-disordered breathing. <i>Progress in Brain Research</i> , <b>2014</b> , 209, 275-93	2.9	24
89	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, S81-9	4.4	22
88	Personality, Sex and Systemic Inflammation. <i>Psychology</i> , <b>2014</b> , 05, 1055-1064	0.5	2
87	Unraveling the effects of plasticity and pain on personality. <i>Journal of Pain</i> , <b>2013</b> , 14, 1642-52	5.2	14
86	Regional cerebral blood flow alterations in obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2013</b> , 555, 159-64	3.3	44
85	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
84	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
83	Sleep-disordered breathing: effects on brain structure and function. <i>Respiratory Physiology and Neurobiology</i> , <b>2013</b> , 188, 383-91	2.8	45
82	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
81	Heart rate responses to autonomic challenges in obstructive sleep apnea. <i>PLoS ONE</i> , <b>2013</b> , 8, e76631	3.7	41
80	Neuroimaging of Sleep and Sleep Disorders <b>2013</b> ,		3
79	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
78	Regional brain axial and radial diffusivity changes during development. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 346-55	4.4	75
77	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
76	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
75	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
74	Impaired cerebellar and limbic responses to the valsalva maneuver in heart failure. <i>Cerebellum</i> , <b>2012</b> , 11, 931-8	4.3	24

73	Sex differences in white matter alterations accompanying obstructive sleep apnea. <i>Sleep</i> , <b>2012</b> , 35, 1603-13	5.1	13	54
72	Functional neuroanatomy and sleep-disordered breathing: implications for autonomic regulation. <i>Anatomical Record</i> , <b>2012</b> , 295, 1385-95	2.1		32
71	Decreased cortical thickness in central hypoventilation syndrome. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 1728-37	5.1		13
70	Progressive gray matter changes in patients with congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2012</b> , 71, 701-6	3.2		21
69	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. <i>Anatomical Record</i> , <b>2012</b> , 295, C1-C1	2.1		
68	Is brain injury in obstructive sleep apnea reversible?. <i>Sleep</i> , <b>2012</b> , 35, 9-10	1.1		14
67	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
66	Brain Regulatory Mechanisms Underlying Breathing: Insights for Sleep Pathology <b>2012</b> , 461-473			
65	Brain axonal and myelin evaluation in heart failure. <i>Journal of the Neurological Sciences</i> , <b>2011</b> , 307, 106-13	3.2		80
64	Selectively diminished corpus callosum fibers in congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2011</b> , 178, 261-9	3.9		17
63	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
62	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
61	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
60	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
59	Central autonomic regulation in congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2010</b> , 167, 1249-56	3.9		32
58	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
57	Central nervous system changes in pediatric heart failure: a volumetric study. <i>Pediatric Cardiology</i> , <b>2010</b> , 31, 969-76	2.1		20
56	Rostral brain axonal injury in congenital central hypoventilation syndrome. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 2146-54	4.4		49

55	Mammillary body and fornix injury in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2009</b> , 66, 429-34	3.2	24
54	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
53	Mammillary bodies and fornix fibers are injured in heart failure. <i>Neurobiology of Disease</i> , <b>2009</b> , 33, 236-42	7.5	67
52	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
51	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
50	Reduced caudate nuclei volumes in patients with congenital central hypoventilation syndrome. <i>Neuroscience</i> , <b>2009</b> , 163, 1373-9	3.9	20
49	Dilated basilar arteries in patients with congenital central hypoventilation syndrome. <i>Neuroscience Letters</i> , <b>2009</b> , 467, 139-43	3.3	14
48	Hippocampal volume reduction in congenital central hypoventilation syndrome. <i>PLoS ONE</i> , <b>2009</b> , 4, e64367	3.7	28
47	Reduced mammillary body volume in patients with obstructive sleep apnea. <i>Neuroscience Letters</i> , <b>2008</b> , 438, 330-4	3.3	72
46	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
45	Cognitive test performance and brain pathology. <i>Nursing Research</i> , <b>2008</b> , 57, 75-83	1.9	21
44	Neural Alterations and Depressive Symptoms in Obstructive Sleep Apnea Patients. <i>Sleep</i> , <b>2008</b> ,	1.1	2
43	Brain structural changes in obstructive sleep apnea. <i>Sleep</i> , <b>2008</b> , 31, 967-77	1.1	253
42	Neural alterations and depressive symptoms in obstructive sleep apnea patients. <i>Sleep</i> , <b>2008</b> , 31, 1103-9	1.1	73
41	Structural and functional brain abnormalities in Congenital Central Hypoventilation Syndrome <b>2008</b> , 57-70		1
40	Aberrant central nervous system responses to the Valsalva maneuver in heart failure. <i>Congestive Heart Failure</i> , <b>2007</b> , 13, 29-35		33
39	Hyperoxic brain effects are normalized by addition of CO2. <i>PLoS Medicine</i> , <b>2007</b> , 4, e173	11.6	36
38	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



37	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
36	Regional brain response patterns to Cheyne-Stokes breathing. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 150, 87-93	2.8	15
35	fMRI responses to hyperoxia in congenital central hypoventilation syndrome. <i>Pediatric Research</i> , <b>2005</b> , 57, 510-8	3.2	38
34	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
33	CENTRAL NEURAL MECHANISMS UNDERLYING DISORDERED BREATHING AND CARDIOVASCULAR CONTROL DURING SLEEP <b>2005</b> , 371-386		
32	Neuroanatomic deficits in congenital central hypoventilation syndrome. <i>Journal of Comparative Neurology</i> , <b>2005</b> , 487, 361-71	3.4	78
31	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
30	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
29	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
28	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
27	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
26	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
25	A method for removal of global effects from fMRI time series. <i>NeuroImage</i> , <b>2004</b> , 22, 360-6	7.9	331
24	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
23	Regional brain gray matter loss in heart failure. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 677-84	3.7	174
22	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
21	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
20	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

19	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
18	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
17	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	
16	Cardiac responses to pressor challenges in congenital central hypoventilation syndrome. <i>Somnologie</i> , <b>2002</b> , 6, 109-115	2	14
15	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
14	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
13	Structural mechanisms underlying autonomic reactions in pediatric arousal. <i>Sleep Medicine</i> , <b>2002</b> , 3 Suppl 2, S53-6	4.6	5
12	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
11	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
10	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
9	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
8	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	
7	Expert system for the detection of apnoea. <i>Engineering Applications of Artificial Intelligence</i> , <b>1998</b> , 11, 425-438	7.2	5
6	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
5	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
4	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
3	Neuroimaging of autonomic dysfunction and ventilatory control in obstructive sleep apnea275-283		
2	Structural brain neuroimaging changes in obstructive sleep apnea248-255		

1 Quantifying amplitude modulation of breathing in infants using the wavelet transform

1