

Ronald M Harper

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

10,762
citations

28274

55
h-index

38395

95
g-index

188
all docs

188
docs citations

188
times ranked

8356
citing authors

#	ARTICLE	IF	CITATIONS
1	Baroreflex sensitivity during rest and pressor challenges in obstructive sleep apnea patients with and without CPAP. <i>Sleep Medicine</i> , 2022, , .	1.6	1
2	Functional organization of the insula in men and women with obstructive sleep apnea during Valsalva. <i>Sleep</i> , 2021, 44, .	1.1	5
3	Insular functional organization during handgrip in females and males with obstructive sleep apnea. <i>PLoS ONE</i> , 2021, 16, e0246368.	2.5	4
4	Seizure Clusters, Seizure Severity Markers, and SUDEP Risk. <i>Frontiers in Neurology</i> , 2021, 12, 643916.	2.4	12
5	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> , 2021, 11, e041179.	1.9	1
6	Automated Analysis of Risk Factors for Postictal Generalized EEG Suppression. <i>Frontiers in Neurology</i> , 2021, 12, 669517.	2.4	5
7	Altered Relationship Between Heart Rate Variability and fMRI-Based Functional Connectivity in People With Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 671890.	2.4	5
8	Pilot Safety and Feasibility Study of Non-invasive Limb Proprioceptive Cerebellar Stimulation for Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 675947.	2.4	2
9	Neuromodulatory Support for Breathing and Cardiovascular Action During Development. <i>Frontiers in Pediatrics</i> , 2021, 9, 753215.	1.9	3
10	Association of Peri-ictal Brainstem Posturing With Seizure Severity and Breathing Compromise in Patients With Generalized Convulsive Seizures. <i>Neurology</i> , 2021, 96, e352-e365.	1.1	16
11	Distinct Patterns of Brain Metabolism in Patients at Risk of Sudden Unexpected Death in Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 623358.	2.4	8
12	Peri-ictal hypoxia is related to extent of regional brain volume loss accompanying generalized tonic-clonic seizures. <i>Epilepsia</i> , 2020, 61, 1570-1580.	5.1	25
13	The association of serotonin reuptake inhibitors and benzodiazepines with ictal central apnea. <i>Epilepsy and Behavior</i> , 2019, 98, 73-79.	1.7	23
14	Postictal serotonin levels are associated with peri-ictal apnea. <i>Neurology</i> , 2019, 93, e1485-e1494.	1.1	28
15	Incidence, Recurrence, and Risk Factors for Peri-ictal Central Apnea and Sudden Unexpected Death in Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 166.	2.4	63
16	Cerebellar, limbic, and midbrain volume alterations in sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2019, 60, 718-729.	5.1	54
17	Neuroimaging of Sudden Unexpected Death in Epilepsy (SUDEP): Insights From Structural and Resting-State Functional MRI Studies. <i>Frontiers in Neurology</i> , 2019, 10, 185.	2.4	43
18	Postconvulsive central apnea as a biomarker for sudden unexpected death in epilepsy (SUDEP). <i>Neurology</i> , 2019, 92, e171-e182.	1.1	130

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19	Limbic and paralimbic structures driving ictal central apnea. <i>Neurology</i> , 2019, 92, e655-e669.	1.1	46
20	Regional brain tissue changes and associations with disease severity in children with sleep-disordered breathing. <i>Sleep</i> , 2018, 41, .	1.1	25
21	The incidence and significance of periictal apnea in epileptic seizures. <i>Epilepsia</i> , 2018, 59, 573-582.	5.1	113
22	A prospective observational cohort study of exposure to womb-like sounds to stabilize breathing and cardiovascular patterns in preterm neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2245-2251.	1.5	5
23	Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage: Clinical</i> , 2018, 20, 205-215.	2.7	39
24	Altered resting-state hippocampal and caudate functional networks in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2018, 8, e00994.	2.2	47
25	Sex-specific hippocampus volume changes in obstructive sleep apnea. <i>NeuroImage: Clinical</i> , 2018, 20, 305-317.	2.7	49
26	Obstructive sleep apnea and cortical thickness in females and males. <i>PLoS ONE</i> , 2018, 13, e0193854.	2.5	58
27	Reduced regional cerebral blood flow in patients with heart failure. <i>European Journal of Heart Failure</i> , 2017, 19, 1294-1302.	7.1	75
28	Obstructive sleep apnea is associated with altered midbrain chemical concentrations. <i>Neuroscience</i> , 2017, 363, 76-86.	2.3	28
29	Non-Gaussian Diffusion Imaging Shows Brain Myelin and Axonal Changes in Obstructive Sleep Apnea. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 181-189.	0.9	10
30	Sex differences in insular cortex gyri responses to a brief static handgrip challenge. <i>Biology of Sex Differences</i> , 2017, 8, 13.	4.1	13
31	Dysfunctional Brain Networking among Autonomic Regulatory Structures in Temporal Lobe Epilepsy Patients at High Risk of Sudden Unexpected Death in Epilepsy. <i>Frontiers in Neurology</i> , 2017, 8, 544.	2.4	69
32	Cardiovascular Physiology and Coupling with Respiration. , 2017, , 132-141.e5.		3
33	The Cerebellum and SIDS: Disordered Breathing in a Mouse Model of Developmental Cerebellar Purkinje Cell Loss during Recovery from Hypercarbia. <i>Frontiers in Neurology</i> , 2016, 7, 78.	2.4	15
34	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. <i>Frontiers in Neurology</i> , 2016, 7, 87.	2.4	20
35	Global and Regional Brain Non-Gaussian Diffusion Changes in Newly Diagnosed Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2016, 39, 51-57.	1.1	21
36	Associations between brain white matter integrity and disease severity in obstructive sleep apnea. <i>Journal of Neuroscience Research</i> , 2016, 94, 915-923.	2.9	25

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37	Accelerated Echo Planer J-resolved Spectroscopic Imaging of Putamen and Thalamus in Obstructive Sleep Apnea. <i>Scientific Reports</i> , 2016, 6, 31747.	3.3	8
38	Obstructive sleep apnea is associated with low <scp>GABA</scp> and high glutamate in the insular cortex. <i>Journal of Sleep Research</i> , 2016, 25, 390-394.	3.2	36
39	Neuroanatomical findings of significant translational importance. <i>Experimental Brain Research</i> , 2016, 234, 2745-2746.	1.5	0
40	Ripples on spikes show increased phaseâ€amplitude coupling in mesial temporal lobe epilepsy seizureâ€onset zones. <i>Epilepsia</i> , 2016, 57, 1916-1930.	5.1	69
41	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2016, 39, 989-1000.	1.1	47
42	Clinical neurocardiology defining the value of neuroscienceâ€based cardiovascular therapeutics. <i>Journal of Physiology</i> , 2016, 594, 3911-3954.	2.9	222
43	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
44	Disrupted functional brain network organization in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2016, 6, e00441.	2.2	58
45	Detecting variable responses within fMRI time-series of volumes-of-interest using repeated measures ANOVA. <i>F1000Research</i> , 2016, 5, 563.	1.6	8
46	Lateralized Resting-State Functional Brain Network Organization Changes in Heart Failure. <i>PLoS ONE</i> , 2016, 11, e0155894.	2.5	12
47	Neuromodulation of Limb Proprioceptive Afferents Decreases Apnea of Prematurity and Accompanying Intermittent Hypoxia and Bradycardia. <i>PLoS ONE</i> , 2016, 11, e0157349.	2.5	28
48	Detecting variable responses in time-series using repeated measures ANOVA: Application to physiologic challenges. <i>F1000Research</i> , 2016, 5, 563.	1.6	7
49	Water Exchange across the Bloodâ€Brain Barrier in Obstructive Sleep Apnea: An MRI Diffusionâ€Weighted Pseudoâ€Continuous Arterial Spin Labeling Study. <i>Journal of Neuroimaging</i> , 2015, 25, 900-905.	2.0	51
50	Global and regional brain mean diffusivity changes in patients with heart failure. <i>Journal of Neuroscience Research</i> , 2015, 93, 678-685.	2.9	38
51	Impaired neural structure and function contributing to autonomic symptoms in congenital central hypoventilation syndrome. <i>Frontiers in Neuroscience</i> , 2015, 9, 415.	2.8	32
52	Hypocretin Deficiency Associated with Narcolepsy Type 1 and Central Hypoventilation Syndrome in Neurosarcoidosis of the Hypothalamus. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1063-1065.	2.6	8
53	Reduced Regional Brain Cortical Thickness in Patients with Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0126595.	2.5	42
54	Regional hippocampal damage in heart failure. <i>European Journal of Heart Failure</i> , 2015, 17, 494-500.	7.1	63

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55	Effects of Thoracic Pressure Changes on MRI Signals in the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1024-1032.	4.3	15
56	Structural imaging biomarkers of sudden unexpected death in epilepsy. <i>Brain</i> , 2015, 138, 2907-2919.	7.6	95
57	Functional Imaging of Autonomic Regulation: Methods and Key Findings. <i>Frontiers in Neuroscience</i> , 2015, 9, 513.	2.8	65
58	Global Brain Blood-Oxygen Level Responses to Autonomic Challenges in Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2014, 9, e105261.	2.5	28
59	Cerebral Blood Flow Velocity and Vasomotor Reactivity During Autonomic Challenges in Heart Failure. <i>Nursing Research</i> , 2014, 63, 194-202.	1.7	8
60	Affective Brain Areas and Sleep-Disordered Breathing. <i>Progress in Brain Research</i> , 2014, 209, 275-293.	1.4	36
61	Brain metabolites in autonomic regulatory insular sites in heart failure. <i>Journal of the Neurological Sciences</i> , 2014, 346, 271-275.	0.6	16
62	Brain putamen volume changes in newly-diagnosed patients with obstructive sleep apnea. <i>NeuroImage: Clinical</i> , 2014, 4, 383-391.	2.7	52
63	Abnormal Myelin and Axonal Integrity in Recently Diagnosed Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 723-732.	1.1	74
64	Insular Cortex Metabolite Changes in Obstructive Sleep Apnea. <i>Sleep</i> , 2014, 37, 951-958.	1.1	38
65	Regional cerebral blood flow alterations in obstructive sleep apnea. <i>Neuroscience Letters</i> , 2013, 555, 159-164.	2.1	51
66	Brain axial and radial diffusivity changes with age and gender in healthy adults. <i>Brain Research</i> , 2013, 1512, 22-36.	2.2	62
67	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.	1.7	38
68	Sleep-disordered breathing: Effects on brain structure and function. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 383-391.	1.6	54
69	Neural and physiological responses to a cold pressor challenge in healthy adolescents. <i>Journal of Neuroscience Research</i> , 2013, 91, 1618-1627.	2.9	17
70	Heart Rate Responses to Autonomic Challenges in Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2013, 8, e76631.	2.5	51
71	Decreased Cortical Thickness in Central Hypoventilation Syndrome. <i>Cerebral Cortex</i> , 2012, 22, 1728-1737.	2.9	13
72	Progressive gray matter changes in patients with congenital central hypoventilation syndrome. <i>Pediatric Research</i> , 2012, 71, 701-706.	2.3	26

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73	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. <i>Anatomical Record</i> , 2012, 295, C1-C1.	1.4	0
74	Response to Latorraca and Palli. <i>Pediatric Research</i> , 2012, 72, 439-440.	2.3	0
75	Altered global and regional brain mean diffusivity in patients with obstructive sleep apnea. <i>Journal of Neuroscience Research</i> , 2012, 90, 2043-2052.	2.9	120
76	Differential responses of the insular cortex gyri to autonomic challenges. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 168, 72-81.	2.8	76
77	Impaired Cerebellar and Limbic Responses to the Valsalva Maneuver in Heart Failure. <i>Cerebellum</i> , 2012, 11, 931-938.	2.5	27
78	Sex Differences in White Matter Alterations Accompanying Obstructive Sleep Apnea. <i>Sleep</i> , 2012, 35, 1603-1613.	1.1	70
79	Functional Neuroanatomy and Sleep-Disordered Breathing: Implications for Autonomic Regulation. <i>Anatomical Record</i> , 2012, 295, 1385-1395.	1.4	35
80	Age-related regional brain T2-relaxation changes in healthy adults. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 300-308.	3.4	47
81	Regional brain axial and radial diffusivity changes during development. <i>Journal of Neuroscience Research</i> , 2012, 90, 346-355.	2.9	83
82	Brain Regulatory Mechanisms Underlying Breathing: Insights for Sleep Pathology. , 2012, , 461-473.		0
83	Global and regional putamen volume loss in patients with heart failure. <i>European Journal of Heart Failure</i> , 2011, 13, 651-655.	7.1	35
84	Brain axonal and myelin evaluation in heart failure. <i>Journal of the Neurological Sciences</i> , 2011, 307, 106-113.	0.6	93
85	Perinatal intermittent hypoxia alters γ -aminobutyric acid: a receptor levels in rat cerebellum. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 819-826.	1.6	14
86	Sudden death in a child with epilepsy: potential cerebellar mechanisms?. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 707-710.	0.8	5
87	Development of T2-relaxation values in regional brain sites during adolescence. <i>Magnetic Resonance Imaging</i> , 2011, 29, 185-193.	1.8	32
88	<i>Cardiovascular Physiology</i> . , 2011, , 215-225.		3
89	Potential Mechanisms of Failure in the Sudden Infant Death Syndrome. <i>Current Pediatric Reviews</i> , 2010, 6, 39-47.	0.8	36
90	Central Nervous System Changes in Pediatric Heart Failure: A Volumetric Study. <i>Pediatric Cardiology</i> , 2010, 31, 969-976.	1.3	24

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91	Rostral brain axonal injury in congenital central hypoventilation syndrome. <i>Journal of Neuroscience Research</i> , 2010, 88, 2146-2154.	2.9	51
92	Relationship between Obstructive Sleep Apnea Severity and Sleep, Depression and Anxiety Symptoms in Newly-Diagnosed Patients. <i>PLoS ONE</i> , 2010, 5, e10211.	2.5	137
93	RMSSD, a measure of vagus-mediated heart rate variability, is associated with risk factors for SUDEP: The SUDEP-7 Inventory. <i>Epilepsy and Behavior</i> , 2010, 19, 78-81.	1.7	222
94	Mammillary Body and Fornix Injury in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2009, 66, 429-434.	2.3	29
95	Mammillary bodies and fornix fibers are injured in heart failure. <i>Neurobiology of Disease</i> , 2009, 33, 236-242.	4.4	85
96	Neural alterations associated with anxiety symptoms in obstructive sleep apnea syndrome. <i>Depression and Anxiety</i> , 2009, 26, 480-491.	4.1	63
97	Brain Injury in Autonomic, Emotional, and Cognitive Regulatory Areas in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2009, 15, 214-223.	1.7	148
98	Dilated basilar arteries in patients with congenital central hypoventilation syndrome. <i>Neuroscience Letters</i> , 2009, 467, 139-143.	2.1	14
99	Hippocampal Volume Reduction in Congenital Central Hypoventilation Syndrome. <i>PLoS ONE</i> , 2009, 4, e6436.	2.5	29
100	Reduced mammillary body volume in patients with obstructive sleep apnea. <i>Neuroscience Letters</i> , 2008, 438, 330-334.	2.1	81
101	Diffusion Tensor Imaging Demonstrates Brainstem and Cerebellar Abnormalities in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2008, 64, 275-280.	2.3	87
102	Cognitive Test Performance and Brain Pathology. <i>Nursing Research</i> , 2008, 57, 75-83.	1.7	25
103	Neural Alterations and Depressive Symptoms in Obstructive Sleep Apnea Patients. <i>Sleep</i> , 2008, , .	1.1	29
104	Structural and functional brain abnormalities in Congenital Central Hypoventilation Syndrome. , 2008, , 57-70.		1
105	Brain structural changes in obstructive sleep apnea. <i>Sleep</i> , 2008, 31, 967-77.	1.1	267
106	Neural alterations and depressive symptoms in obstructive sleep apnea patients. <i>Sleep</i> , 2008, 31, 1103-9.	1.1	75
107	Hyperoxic Brain Effects Are Normalized by Addition of CO ₂ . <i>PLoS Medicine</i> , 2007, 4, e173.	8.4	46
108	Aberrant Central Nervous System Responses to the Valsalva Maneuver in Heart Failure. <i>Congestive Heart Failure</i> , 2007, 13, 29-35.	2.0	36

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109	Inspiratory loading elicits aberrant fMRI signal changes in obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2006, 151, 44-60.	1.6	83
110	Regional brain response patterns to Cheyne-Stokes breathing. <i>Respiratory Physiology and Neurobiology</i> , 2006, 150, 87-93.	1.6	19
111	Elevated mean diffusivity in widespread brain regions in congenital central hypoventilation syndrome. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1252-1258.	3.4	40
112	CENTRAL NEURAL MECHANISMS UNDERLYING DISORDERED BREATHING AND CARDIOVASCULAR CONTROL DURING SLEEP. , 2005, , 371-386.		0
113	Neuroanatomic deficits in congenital central hypoventilation syndrome. <i>Journal of Comparative Neurology</i> , 2005, 487, 361-371.	1.6	83
114	Geniohyoid muscle properties and myosin heavy chain composition are altered after short-term intermittent hypoxic exposure. <i>Journal of Applied Physiology</i> , 2005, 98, 889-894.	2.5	54
115	Aberrant Neural Responses to Cold Pressor Challenges in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2005, 57, 500-509.	2.3	38
116	fMRI Responses to Hyperoxia in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2005, 57, 510-518.	2.3	43
117	Intermittent hypoxia damages cerebellar cortex and deep nuclei. <i>Neuroscience Letters</i> , 2005, 375, 123-128.	2.1	96
118	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.	1.7	64
119	Cardiovascular Physiology: Central and Autonomic Regulation. , 2005, , 192-202.		17
120	Functional magnetic resonance imaging during hypotension in the developing animal. <i>Journal of Applied Physiology</i> , 2004, 97, 2248-2257.	2.5	16
121	Temporal Trends of Cardiac and Respiratory Responses to Ventilatory Challenges in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 2004, 55, 953-959.	2.3	40
122	A method for removal of global effects from fMRI time series. <i>NeuroImage</i> , 2004, 22, 360-366.	4.2	377
123	Activity changes of the cat paraventricular hypothalamus during stressor exposure. <i>NeuroReport</i> , 2004, 15, 43-48.	1.2	5
124	Functional magnetic resonance signal changes in neural structures to baroreceptor reflex activation. <i>Journal of Applied Physiology</i> , 2004, 96, 693-703.	2.5	89
125	Late-developing rostral ventrolateral medullary surface responses to cardiovascular challenges during sleep. <i>Brain Research</i> , 2003, 985, 65-77.	2.2	4
126	Global BOLD MRI changes to ventilatory challenges in congenital central hypoventilation syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2003, 139, 41-50.	1.6	26

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127	Regional brain gray matter loss in heart failure. <i>Journal of Applied Physiology</i> , 2003, 95, 677-684.	2.5	196
128	Impaired Arousals and Sudden Infant Death Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1262-1263.	5.6	16
129	Neural responses during Valsalva maneuvers in obstructive sleep apnea syndrome. <i>Journal of Applied Physiology</i> , 2003, 94, 1063-1074.	2.5	104
130	fMRI responses to cold pressor challenges in control and obstructive sleep apnea subjects. <i>Journal of Applied Physiology</i> , 2003, 94, 1583-1595.	2.5	128
131	Brain Responses Associated With the Valsalva Maneuver Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neurophysiology</i> , 2002, 88, 3477-3486.	1.8	102
132	Brain Morphology Associated with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 1382-1387.	5.6	506
133	Structural mechanisms underlying autonomic reactions in pediatric arousal. <i>Sleep Medicine</i> , 2002, 3, S53-S56.	1.6	5
134	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.	1.5	14
135	Scattered-Light Imaging in Vivo Tracks Fast and Slow Processes of Neurophysiological Activation. <i>NeuroImage</i> , 2001, 14, 977-994.	4.2	73
136	A device for feline head positioning and stabilization during magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1031-1036.	1.8	5
137	Visualization of Neural Activity Associated with Dyspnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 163, 805-806.	5.6	3
138	Lateralized and widespread brain activation during transient blood pressure elevation revealed by magnetic resonance imaging. , 2000, 417, 195-204.		141
139	State influences on ventral medullary surface and physiological responses to sodium cyanide challenges. <i>Journal of Applied Physiology</i> , 2000, 89, 1919-1927.	2.5	5
140	Sudden Infant Death Syndrome: A Failure of Compensatory Cerebellar Mechanisms?. <i>Pediatric Research</i> , 2000, 48, 140-142.	2.3	98
141	Visualization of sleep influences on cerebellar and brainstem cardiac and respiratory control mechanisms. <i>Brain Research Bulletin</i> , 2000, 53, 125-131.	3.0	47
142	Changes in ventral medullary light reflectance during hypercapnia in awake and sleeping cats. <i>Neuroscience Letters</i> , 2000, 286, 175-178.	2.1	4
143	Sleep influences on homeostatic functions: implications for sudden infant death syndrome. <i>Respiration Physiology</i> , 2000, 119, 123-132.	2.7	113
144	Acquisition of Electrophysiologic Signals During Magnetic Resonance Imaging. <i>Sleep</i> , 1999, 22, 1125-1126.	1.1	10

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145	Novel insights into congenital hypoventilation syndrome. <i>Current Opinion in Pulmonary Medicine</i> , 1999, 5, 335.	2.6	31
146	REGIONAL BRAIN ACTIVATION IN HUMANS DURING RESPIRATORY AND BLOOD PRESSURE CHALLENGES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 483-486.	1.9	95
147	Finding the failure mechanism in Sudden Infant Death Syndrome. <i>Nature Medicine</i> , 1998, 4, 157-158.	30.7	84
148	Developmental patterns of heart rate and variability in infants with persistent apnea of infancy. <i>Early Human Development</i> , 1998, 50, 251-262.	1.8	14
149	Heart Rate Variability in Children With Obstructive Sleep Apnea. <i>Sleep</i> , 1997, 20, 151-157.	1.1	162
150	Light Scattering Changes Follow Evoked Potentials From Hippocampal Schaeffer Collateral Stimulation. <i>Journal of Neurophysiology</i> , 1997, 78, 1707-1713.	1.8	112
151	A miniature CCD video camera for high-sensitivity light measurements in freely behaving animals. <i>Journal of Neuroscience Methods</i> , 1997, 78, 85-91.	2.5	29
152	Cerebral Vasomotion: A 0.1-Hz Oscillation in Reflected Light Imaging of Neural Activity. <i>NeuroImage</i> , 1996, 4, 183-193.	4.2	309
153	State-dependent cellular activity patterns of the cat paraventricular hypothalamus measured by reflectance imaging. <i>Brain Research</i> , 1996, 727, 107-117.	2.2	6
154	Decreased Neuronal Burst Discharge Near Site of Seizure Onset in Epileptic Human Temporal Lobes. <i>Epilepsia</i> , 1996, 37, 113-121.	5.1	40
155	The cerebral regulation of cardiovascular and respiratory functions. <i>Seminars in Pediatric Neurology</i> , 1996, 3, 13-22.	2.0	21
156	Imaging the dorsal hippocampus: light reflectance relationships to electroencephalographic patterns during sleep. <i>Brain Research</i> , 1995, 696, 151-160.	2.2	27
157	State-Dependent Respiratory and Cardiac Relationships with Neuronal Discharge in the Bed Nucleus of the Stria Terminalis. <i>Sleep</i> , 1995, 18, 139-144.	1.1	11
158	Dynamic Respiratory Responses to Preoptic/Anterior Hypothalamic Warming in the Sleeping Cat. <i>Sleep</i> , 1994, 17, 657-664.	1.1	12
159	MR imaging signal response to sustained stimulation in human visual cortex. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 537-543.	3.4	53
160	Dynamic magnetic resonance imaging of human Rolandic cortex. <i>NeuroReport</i> , 1994, 5, 1593-1596.	1.2	8
161	Minute-by-Minute Association of Heart Rate Variation with Basal Heart Rate in Developing Infants. <i>Sleep</i> , 1993, 16, 23-30.	1.1	16
162	Heart Rate Variability in Congenital Central Hypoventilation Syndrome. <i>Pediatric Research</i> , 1992, 31, 291-296.	2.3	135

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163	Patterns of beat-to-beat heart rate variability in advanced heart failure. <i>American Heart Journal</i> , 1992, 123, 704-710.	2.7	359
164	Discharge dependencies of amygdala central nucleus neurons to the cardiac and respiratory cycle following local cocaine administration. <i>European Journal of Pharmacology</i> , 1992, 224, 157-165.	3.5	3
165	Dynamic Characteristics of Cardiac R-R Intervals during Sleep and Waking States. <i>Sleep</i> , 1991, 14, 526-533.	1.1	53
166	Discharge Relationships of Periaqueductal Gray Neurons to Cardiac and Respiratory Patterning During Sleep and Waking States. , 1991, , 41-55.		4
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