

# Julian F R Paton

## List of Publications by Year in Descending Order

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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.

275 papers	8,891 citations	54 h-index	86 g-index
295 ext. papers	10,052 ext. citations	4.1 avg, IF	6.27 L-index

#	Paper	IF	Citations
275	Reverse re-modelling chronic heart failure by reinstating heart rate variability.. <i>Basic Research in Cardiology</i> , <b>2022</b> , 117, 4	11.8	3
274	Patterns of cardio-respiratory motor outputs during acute and subacute exposure to chlorpyrifos in an ex-vivo in situ preparation in rats.. <i>Toxicology and Applied Pharmacology</i> , <b>2022</b> , 436, 115862	4.6	0
273	GLP1R Attenuates Sympathetic Response to High Glucose via Carotid Body Inhibition.. <i>Circulation Research</i> , <b>2022</b> , CIRCRESAHA121319874	15.7	2
272	Cerebrovascular Variants and the Role of the Selfish Brain in Young-Onset Hypertension.. <i>Hypertension</i> , <b>2022</b> , HYPERTENSIONAHA12118612	8.5	0
271	Sudden cardiac deaths have higher proportion of left stellate ganglionitis.. <i>Forensic Science, Medicine, and Pathology</i> , <b>2022</b> , 1	1.5	0
270	Advancing respiratory-cardiovascular physiology with the working heart-brainstem preparation over 25 years.. <i>Journal of Physiology</i> , <b>2022</b> ,	3.9	1
269	Aortic Body Chemoreceptors Regulate Coronary Blood Flow in Conscious Control and Hypertensive Sheep.. <i>Hypertension</i> , <b>2022</b> , 101161HYPERTENSIONAHA12118767	8.5	0
268	Examination of the periaqueductal gray as a site for controlling arterial pressure in the conscious spontaneously hypertensive rat.. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2022</b> , 240, 102984	2.4	1
267	Mathematical modelling of atrial and ventricular pressure-volume dynamics and their change with heart rate.. <i>Mathematical Biosciences</i> , <b>2021</b> , 344, 108766	3.9	0
266	Oxygenation pattern and compensatory responses to hypoxia and hypercapnia following bilateral carotid body resection in humans. <i>Journal of Physiology</i> , <b>2021</b> , 599, 2323-2340	3.9	6
265	Heartbeats entrain breathing via baroreceptor-mediated modulation of expiratory activity. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1181-1195	2.4	2
264	Heightened respiratory-parasympathetic coupling to airways in the spontaneously hypertensive rat. <i>Journal of Physiology</i> , <b>2021</b> , 599, 3237-3252	3.9	1
263	Autonomic innervation of the carotid body as a determinant of its sensitivity: implications for cardiovascular physiology and pathology. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1015-1032	9.9	11
262	Circumventricular Organ Apelin Receptor Knockdown Decreases Blood Pressure and Sympathetic Drive Responses in the Spontaneously Hypertensive Rat. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 711041	4.6	
261	Sympathetic-transduction in untreated hypertension. <i>Journal of Human Hypertension</i> , <b>2021</b> ,	2.6	3
260	The inevitability of ATP as a transmitter in the carotid body. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2021</b> , 234, 102815	2.4	3
259	Intrinsic and synaptic mechanisms controlling the expiratory activity of excitatory lateral parafacial neurones of rats. <i>Journal of Physiology</i> , <b>2021</b> , 599, 4925-4948	3.9	6

258	Zibotentan, an Endothelin A Receptor Antagonist, Prevents Amyloid-Induced Hypertension and Maintains Cerebral Perfusion. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 1185-1199	4.3	6
257	Retrograde blood flow in the internal jugular veins of humans with hypertension may have implications for cerebral arterial blood flow. <i>European Radiology</i> , <b>2020</b> , 30, 3890-3899	8	3
256	Clarity of the rhythmic brainstem. <i>Journal of Physiology</i> , <b>2020</b> , 598, 2045-2046	3.9	3
255	Therapeutic Relevance of Elevated Blood Pressure After Ischemic Stroke in the Hypertensive Rats. <i>Hypertension</i> , <b>2020</b> , 75, 740-747	8.5	2
254	Increased apelin receptor gene expression in the subfornical organ of spontaneously hypertensive rats. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231844	3.7	4
253	Neurovascular coupling is not influenced by lower body negative pressure in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 319, H22-H31	5.2	1
252	A6 neurons simultaneously modulate active expiration and upper airway resistance in rats. <i>Experimental Physiology</i> , <b>2020</b> , 105, 53-64	2.4	2
251	Astrocytes monitor cerebral perfusion and control systemic circulation to maintain brain blood flow. <i>Nature Communications</i> , <b>2020</b> , 11, 131	17.4	74
250	Enhancing respiratory sinus arrhythmia increases cardiac output in rats with left ventricular dysfunction. <i>Journal of Physiology</i> , <b>2020</b> , 598, 455-471	3.9	9
249	Efficacy of Electrical Baroreflex Activation Is Independent of Peripheral Chemoreceptor Modulation. <i>Hypertension</i> , <b>2020</b> , 75, 257-264	8.5	8
248	Active expiratory oscillator regulates nasofacial and oral motor activities in rats. <i>Experimental Physiology</i> , <b>2020</b> , 105, 379-392	2.4	3
247	Investigation and Treatment of High Blood Pressure in Young People: Too Much Medicine or Appropriate Risk Reduction?. <i>Hypertension</i> , <b>2020</b> , 75, 16-22	8.5	24
246	Role of the Carotid Body in an Ovine Model of Renovascular Hypertension. <i>Hypertension</i> , <b>2020</b> , 76, 1451-1460	14.60	5
245	Nitric oxide is fundamental to neurovascular coupling in humans. <i>Journal of Physiology</i> , <b>2020</b> , 598, 4927-4939	3.9	25
244	Gravitational effects on intracranial pressure and blood flow regulation in young men: a potential shunting role for the external carotid artery. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 901-908	3.7	1
243	A consensus statement on the use of angiotensin receptor blockers and angiotensin converting enzyme inhibitors in relation to COVID-19 (corona virus disease 2019). <i>New Zealand Medical Journal</i> , <b>2020</b> , 133, 85-87	0.8	12
242	The Logic of Carotid Body Connectivity to the Brain. <i>Physiology</i> , <b>2019</b> , 34, 264-282	9.8	38
241	Shift of leading pacemaker site during reflex vagal stimulation and altered electrical source-to-sink balance. <i>Journal of Physiology</i> , <b>2019</b> , 597, 3297-3313	3.9	5

240	On the presence and functional significance of sympathetic premotor neurons with collateralized spinal axons in the rat. <i>Journal of Physiology</i> , <b>2019</b> , 597, 3407-3423	3.9	17
239	Heart failure developed after myocardial infarction does not affect gut microbiota composition in the rat. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, G342-G348	5.1	2
238	Centrally acting adrenomedullin in the long-term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1371-1383	2.4	4
237	Cerebral Blood Flow Response to Simulated Hypovolemia in Essential Hypertension: A Magnetic Resonance Imaging Study. <i>Hypertension</i> , <b>2019</b> , 74, 1391-1398	8.5	8
236	Repaired coarctation of the aorta, persistent arterial hypertension and the selfish brain. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2019</b> , 21, 68	6.9	6
235	Optimal solid state neurons. <i>Nature Communications</i> , <b>2019</b> , 10, 5309	17.4	31
234	Left ventricular extracellular volume fraction and atrioventricular interaction in hypertension. <i>European Radiology</i> , <b>2019</b> , 29, 1574-1585	8	2
233	Inflammatory pathways are central to posterior cerebrovascular artery remodelling prior to the onset of congenital hypertension. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2019</b> , 39, 1803-1817	7.3	8
232	Nocturnal dipping status and left ventricular hypertrophy: A cardiac magnetic resonance imaging study. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 784-793	2.3	11
231	Hypothalamic paraventricular nucleus neuronal nitric oxide synthase activity is a major determinant of renal sympathetic discharge in conscious Wistar rats. <i>Experimental Physiology</i> , <b>2018</b> , 103, 419-428	2.4	10
230	Variable role of carotid bodies in cardiovascular responses to exercise, hypoxia and hypercapnia in spontaneously hypertensive rats. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3201-3216	3.9	14
229	Purinergic plasticity within petrosal neurons in hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2018</b> , 315, R963-R971	3.2	12
228	Acute hydrocortisone administration reduces cardiovagal baroreflex sensitivity and heart rate variability in young men. <i>Journal of Physiology</i> , <b>2018</b> , 596, 4847-4861	3.9	8
227	Antihypertensive Treatment Fails to Control Blood Pressure During Exercise. <i>Hypertension</i> , <b>2018</b> , 72, 102-109	8.5	22
226	Differences in autonomic innervation to the vertebrobasilar arteries in spontaneously hypertensive and Wistar rats. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3505-3529	3.9	6
225	The Efficacy of Electrical Baroreflex Activation Therapy is Independent of Peripheral Chemoreceptor Modulation. <i>FASEB Journal</i> , <b>2018</b> , 32, 884.6	0.9	
224	The Klliker-Fuse nucleus orchestrates the timing of expiratory abdominal nerve bursting. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 401-412	3.2	29
223	Cerebral And systemic hypertension. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 1993-2005	7.5	5

222	Blockade of Rostral Ventrolateral Medulla Apelin Receptors Does Not Attenuate Arterial Pressure in SHR and -NAME-Induced Hypertensive Rats. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1488	4.6	5
221	Locus Coeruleus as a vigilance centre for active inspiration and expiration in rats. <i>Scientific Reports</i> , <b>2018</b> , 8, 15654	4.9	17
220	Hypertensive heart disease versus hypertrophic cardiomyopathy: multi-parametric cardiovascular magnetic resonance discriminators when end-diastolic wall thickness $\geq 5$ mm. <i>European Radiology</i> , <b>2017</b> , 27, 1125-1135	8	29
219	Intracranial mechanisms for preserving brain blood flow in health and disease. <i>Acta Physiologica</i> , <b>2017</b> , 219, 274-287	5.6	50
218	Vasopressin V1a receptors mediate the hypertensive effects of [Pyr ]apelin-13 in the rat rostral ventrolateral medulla. <i>Journal of Physiology</i> , <b>2017</b> , 595, 3303-3318	3.9	18
217	Cardiac magnetic resonance imaging provides new insight into hypertensive heart disease-a reply. <i>Journal of Clinical Hypertension</i> , <b>2017</b> , 19, 335-336	2.3	
216	Reply from Michael J. Tipton, Joseph T. Costello and Julian F. R. Paton. <i>Journal of Physiology</i> , <b>2017</b> , 595, 6365	3.9	
215	Role of ventral medullary catecholaminergic neurons for respiratory modulation of sympathetic outflow in rats. <i>Scientific Reports</i> , <b>2017</b> , 7, 16883	4.9	12
214	The human ventilatory response to stress: rate or depth?. <i>Journal of Physiology</i> , <b>2017</b> , 595, 5729-5752	3.9	77
213	Increased sympathetic nerve activity and reduced cardiac baroreflex sensitivity in rheumatoid arthritis. <i>Journal of Physiology</i> , <b>2017</b> , 595, 967-981	3.9	43
212	Carotid body resection for sympathetic modulation in systolic heart failure: results from first-in-man study. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 391-400	12.3	69
211	Electrocardiographic detection of hypertensive left atrial enlargement in the presence of obesity: re-calibration against cardiac magnetic resonance. <i>Journal of Human Hypertension</i> , <b>2017</b> , 31, 212-219	2.6	4
210	ECG strain pattern in hypertension is associated with myocardial cellular expansion and diffuse interstitial fibrosis: a multi-parametric cardiac magnetic resonance study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 441-450	4.1	26
209	Cooperative Oxygen Sensing by the Kidney and Carotid Body in Blood Pressure Control. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 752	4.6	10
208	The effect of obesity on electrocardiographic detection of hypertensive left ventricular hypertrophy: recalibration against cardiac magnetic resonance. <i>Journal of Human Hypertension</i> , <b>2016</b> , 30, 197-203	2.6	13
207	Parasympathetic innervation of vertebrobasilar arteries: is this a potential clinical target?. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6463-6485	3.9	19
206	The Relationship Between Left Ventricular Wall Thickness, Myocardial Shortening, and Ejection Fraction in Hypertensive Heart Disease: Insights From Cardiac Magnetic Resonance Imaging. <i>Journal of Clinical Hypertension</i> , <b>2016</b> , 18, 1119-1127	2.3	26
205	Effects of selective carotid body stimulation with adenosine in conscious humans. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6225-6240	3.9	21

204	003 Detecting hypertensive heart disease: The additive value of cardiovascular magnetic resonance imaging. <i>Heart</i> , <b>2016</b> , 102, A1.3-A1	5.1	
203	010 Insights into hypertensive heart disease phenotypes: Spectrum of myocyte, interstitial and vascular changes by cardiovascular MRI. <i>Heart</i> , <b>2016</b> , 102, A4.1-A4	5.1	
202	Rasd1, a small G protein with a big role in the hypothalamic response to neuronal activation. <i>Molecular Brain</i> , <b>2016</b> , 9, 1	4.5	24
201	Systemic leukotriene B receptor antagonism lowers arterial blood pressure and improves autonomic function in the spontaneously hypertensive rat. <i>Journal of Physiology</i> , <b>2016</b> , 594, 5975-5989	3.9	14
200	Quantifying sympathetic neuro-haemodynamic transduction at rest in humans: insights into sex, ageing and blood pressure control. <i>Journal of Physiology</i> , <b>2016</b> , 594, 4753-68	3.9	64
199	Utility of a Novel Biofeedback Device for Within-Breath Modulation of Heart Rate in Rats: A Quantitative Comparison of Vagus Nerve vs. Right Atrial Pacing. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 27	4.6	7
198	Sympathetic overactivity occurs before hypertension in the two-kidney, one-clip model. <i>Experimental Physiology</i> , <b>2016</b> , 101, 67-80	2.4	38
197	Comprehensive characterisation of hypertensive heart disease left ventricular phenotypes. <i>Heart</i> , <b>2016</b> , 102, 1671-9	5.1	52
196	Deficiency of GABAergic synaptic inhibition in the Klliker-Fuse area underlies respiratory dysrhythmia in a mouse model of Rett syndrome. <i>Journal of Physiology</i> , <b>2016</b> , 594, 223-37	3.9	39
195	Hypertension: a problem of organ blood flow supply-demand mismatch. <i>Future Cardiology</i> , <b>2016</b> , 12, 339-49	1.3	13
194	Purinergic receptors in the carotid body as a new drug target for controlling hypertension. <i>Nature Medicine</i> , <b>2016</b> , 22, 1151-1159	50.5	110
193	Is High Blood Pressure Self-Protection for the Brain?. <i>Circulation Research</i> , <b>2016</b> , 119, e140-e151	15.7	51
192	Brainstem sources of cardiac vagal tone and respiratory sinus arrhythmia. <i>Journal of Physiology</i> , <b>2016</b> , 594, 7249-7265	3.9	47
191	Unilateral Carotid Body Resection in Resistant Hypertension: A Safety and Feasibility Trial. <i>JACC Basic To Translational Science</i> , <b>2016</b> , 1, 313-324	8.7	85
190	Carotid sinus denervation ameliorates renovascular hypertension in adult Wistar rats. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6255-6266	3.9	32
189	Epigenetic Control of the Vasopressin Promoter Explains Physiological Ability to Regulate Vasopressin Transcription in Dehydration and Salt Loading States in the Rat. <i>Journal of Neuroendocrinology</i> , <b>2016</b> , 28,	3.8	7
188	Control of Polyamine Biosynthesis by Antizyme Inhibitor 1 Is Important for Transcriptional Regulation of Arginine Vasopressin in the Male Rat Hypothalamus. <i>Endocrinology</i> , <b>2015</b> , 156, 2905-17	4.8	14
187	144 Does Home-Based, Slow Deep Breathing Training Reduce Central Sympathetic Outflow and Enhance Baroreflex Sensitivity in Primary Hypertension?. <i>Heart</i> , <b>2015</b> , 101, A83.1-A83	5.1	1

186	Osmoregulation requires brain expression of the renal Na-K-2Cl cotransporter NKCC2. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 5144-55	6.6	30
185	P2X3 receptors and sensitization of autonomic reflexes. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2015</b> , 191, 16-24	2.4	22
184	Joint UK societiesP2014 consensus statement on renal denervation for resistant hypertension. <i>Heart</i> , <b>2015</b> , 101, 10-6	5.1	32
183	Defining inhibitory neurone function in respiratory circuits: opportunities with optogenetics?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 3033-46	3.9	12
182	Influence of age on respiratory modulation of muscle sympathetic nerve activity, blood pressure and baroreflex function in humans. <i>Experimental Physiology</i> , <b>2015</b> , 100, 1039-51	2.4	13
181	Transcription factor CREB3L1 mediates cAMP and glucocorticoid regulation of arginine vasopressin gene transcription in the rat hypothalamus. <i>Molecular Brain</i> , <b>2015</b> , 8, 68	4.5	15
180	Carotid body overactivity induces respiratory neurone channelopathy contributing to neurogenic hypertension. <i>Journal of Physiology</i> , <b>2015</b> , 593, 3055-63	3.9	12
179	Opioid receptor activation hyperpolarizes respiratory-controlling K <sub>v</sub> 1.1-Fuse neurons and suppresses post-inspiratory drive. <i>Journal of Physiology</i> , <b>2015</b> , 593, 4453-69	3.9	69
178	Respiratory modulated sympathetic activity: a putative mechanism for developing vascular resistance?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5341-60	3.9	20
177	RNA binding protein Caprin-2 is a pivotal regulator of the central osmotic defense response. <i>ELife</i> , <b>2015</b> , 4,	8.9	9
176	Modelling the vascular response to sympathetic postganglionic nerve activity. <i>Journal of Theoretical Biology</i> , <b>2015</b> , 371, 102-16	2.3	10
175	Brainstem hypoxia contributes to the development of hypertension in the spontaneously hypertensive rat. <i>Hypertension</i> , <b>2015</b> , 65, 775-83	8.5	69
174	Transcription Factor CREB3L1 Regulates Endoplasmic Reticulum Stress Response Genes in the Osmotically Challenged Rat Hypothalamus. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124956	3.7	20
173	Cardiac output is improved in rats with myocardial infarction by enhancement of respiratory sinus arrhythmia. <i>FASEB Journal</i> , <b>2015</b> , 29, 1043.3	0.9	1
172	P2X3 receptor-mediated chemoreceptor hypersensitivity in young spontaneous hypertensive rats. <i>FASEB Journal</i> , <b>2015</b> , 29, 652.4	0.9	1
171	Vertebrobasilar Remodeling In Hypertension: Cause or Consequence. <i>FASEB Journal</i> , <b>2015</b> , 29, 832.11	0.9	
170	P2X3 Receptor Antagonism Reduces Peripheral Chemoreceptor Reflex Hypersensitivity and Blood Pressure in the Spontaneously Hypertensive Rat. <i>FASEB Journal</i> , <b>2015</b> , 29, 1060.1	0.9	
169	DISTINCT BRAINSTEM ORIGINS OF CARDIAC VAGAL TONE AND RESPIRATORY SINUS ARRHYTHMIA. <i>FASEB Journal</i> , <b>2015</b> , 29, 1056.3	0.9	1

168	Telemetric Recording of Renal and Carotid Blood Flow Velocity and Arterial Blood Pressure Simultaneously in Rats. <i>FASEB Journal</i> , <b>2015</b> , 29, 960.3	0.9	
167	Desensitization of mu opioid receptors on Klliker-Fuse neurons. <i>FASEB Journal</i> , <b>2015</b> , 29, 1032.4	0.9	
166	Dissociation between blood pressure and heart rate response to hypoxia after bilateral carotid body removal in men with systolic heart failure. <i>Experimental Physiology</i> , <b>2014</b> , 99, 552-61	2.4	39
165	CrossTalk opposing view: Which technique for controlling resistant hypertension? Carotid chemoreceptor denervation/modulation. <i>Journal of Physiology</i> , <b>2014</b> , 592, 3941-4	3.9	8
164	Chronic depression of hypothalamic paraventricular neuronal activity produces sustained hypotension in hypertensive rats. <i>Experimental Physiology</i> , <b>2014</b> , 99, 89-100	2.4	18
163	Intrinsic chemosensitivity of rostral ventrolateral medullary sympathetic premotor neurons in the in situ arterially perfused preparation of rats. <i>Experimental Physiology</i> , <b>2014</b> , 99, 1453-66	2.4	13
162	Specific respiratory neuron types have increased excitability that drive presympathetic neurones in neurogenic hypertension. <i>Hypertension</i> , <b>2014</b> , 63, 1309-18	8.5	58
161	Central regulation of heart rate and the appearance of respiratory sinus arrhythmia: new insights from mathematical modeling. <i>Mathematical Biosciences</i> , <b>2014</b> , 255, 71-82	3.9	34
160	Lactate-mediated glia-neuronal signalling in the mammalian brain. <i>Nature Communications</i> , <b>2014</b> , 5, 3284	7.4	215
159	Arteriovenous anastomosis: is this the way to control hypertension?. <i>Hypertension</i> , <b>2014</b> , 64, 6-12	8.5	43
158	Salt appetite is reduced by a single experience of drinking hypertonic saline in the adult rat. <i>PLoS ONE</i> , <b>2014</b> , 9, e104802	3.7	9
157	Mapping the cellular electrophysiology of rat sympathetic preganglionic neurones to their roles in cardiorespiratory reflex integration: a whole cell recording study in situ. <i>Journal of Physiology</i> , <b>2014</b> , 592, 2215-36	3.9	14
156	Rebuttal from L. E. K. Ratcliffe, W. Pijacka, F. D. McBryde, A. P. Abdala, D. J. Moraes, P. A. Sobotka, E. C. Hart, K. Narkiewicz, A. K. Nightingale and J. F. R. Paton. <i>Journal of Physiology</i> , <b>2014</b> , 592, 3949-50	3.9	
155	Carotid body induced post-inspiratory neuron channelopathy for neurogenic hypertension (872.9). <i>FASEB Journal</i> , <b>2014</b> , 28, 872.9	0.9	1
154	Device-guided slow deep breathing in essential hypertension: is cardiac or sympathetic baroreflex sensitivity altered? (1132.7). <i>FASEB Journal</i> , <b>2014</b> , 28, 1132.7	0.9	
153	Functional connectivity between Bötzinger complex glycinergic neurons and parafacial late-expiratory neurons for expiratory and sympathetic control (712.17). <i>FASEB Journal</i> , <b>2014</b> , 28, 712.17	0.9	1
152	Rheumatoid arthritis and autonomic function (1132.10). <i>FASEB Journal</i> , <b>2014</b> , 28, 1132.10	0.9	
151	Increased memory and decreased naïve T cells in human hypertension (1074.9). <i>FASEB Journal</i> , <b>2014</b> , 28, 1074.9	0.9	

150	Effect of device guided slow deep breathing on central sympathetic outflow and arterial baroreflex sensitivity in young healthy individuals (1170.4). <i>FASEB Journal</i> , <b>2014</b> , 28, 1170.4	0.9	
149	Revelations about carotid body function through its pathological role in resistant hypertension. <i>Current Hypertension Reports</i> , <b>2013</b> , 15, 273-80	4.7	53
148	The carotid body as a therapeutic target for the treatment of sympathetically mediated diseases. <i>Hypertension</i> , <b>2013</b> , 61, 5-13	8.5	195
147	The carotid body as a putative therapeutic target for the treatment of neurogenic hypertension. <i>Nature Communications</i> , <b>2013</b> , 4, 2395	17.4	169
146	Chronic knockdown of the nucleus of the solitary tract AT1 receptors increases blood inflammatory-endothelial progenitor cell ratio and exacerbates hypertension in the spontaneously hypertensive rat. <i>Hypertension</i> , <b>2013</b> , 61, 1328-33	8.5	29
145	Excessive leukotriene B4 in nucleus tractus solitarii is prohypertensive in spontaneously hypertensive rats. <i>Hypertension</i> , <b>2013</b> , 61, 194-201	8.5	39
144	Brainstem respiratory networks: building blocks and microcircuits. <i>Trends in Neurosciences</i> , <b>2013</b> , 36, 152-62	13.3	249
143	Carotid body removal for treatment of chronic systolic heart failure. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 2506-9	3.2	69
142	Modulation of respiratory sinus arrhythmia in rats with central pattern generator hardware. <i>Journal of Neuroscience Methods</i> , <b>2013</b> , 212, 124-32	3	9
141	Increasing brain serotonin corrects CO2 chemosensitivity in methyl-CpG-binding protein 2 (Mecp2)-deficient mice. <i>Experimental Physiology</i> , <b>2013</b> , 98, 842-9	2.4	27
140	Cerebral artery resistance is directly related to sympathetic nerve activity in men. <i>FASEB Journal</i> , <b>2013</b> , 27, 697.10	0.9	
139	Carotid body denervation (CBD) stunts development of Goldblatt 2 kidney-1 clip (2K-1C) hypertension in adult rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 1108.7	0.9	
138	Effects of anti-hypertensive interventions on the inflammatory response in the spontaneously hypertensive rat. <i>FASEB Journal</i> , <b>2013</b> , 27, 905.8	0.9	
137	Influence of age on respiratory modulation of muscle sympathetic nerve activity and blood pressure in humans. <i>FASEB Journal</i> , <b>2013</b> , 27, 1118.23	0.9	
136	Interactions between carotid body denervation and renal nerve denervation in lowering arterial blood pressure in the adult spontaneously hypertensive rat (SHR). <i>FASEB Journal</i> , <b>2013</b> , 27, 699.13	0.9	
135	The balance between neural and hemodynamic factors is abolished in hypertensive men. <i>FASEB Journal</i> , <b>2013</b> , 27, 1108.5	0.9	
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