

Fiona D McBryde

List of Publications by Citations

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37
papers

1,028
citations

14
h-index

32
g-index

38
ext. papers

1,179
ext. citations

5.6
avg, IF

3.84
L-index

#	Paper	IF	Citations
37	The carotid body as a therapeutic target for the treatment of sympathetically mediated diseases. <i>Hypertension</i> , 2013 , 61, 5-13	8.5	195
36	The carotid body as a putative therapeutic target for the treatment of neurogenic hypertension. <i>Nature Communications</i> , 2013 , 4, 2395	17.4	169
35	Hypertension is critically dependent on the carotid body input in the spontaneously hypertensive rat. <i>Journal of Physiology</i> , 2012 , 590, 4269-77	3.9	155
34	Purinergic receptors in the carotid body as a new drug target for controlling hypertension. <i>Nature Medicine</i> , 2016 , 22, 1151-1159	50.5	110
33	High dietary salt and angiotensin II chronically increase renal sympathetic nerve activity: a direct telemetric study. <i>Hypertension</i> , 2012 , 59, 614-20	8.5	64
32	Translational examination of changes in baroreflex function after renal denervation in hypertensive rats and humans. <i>Hypertension</i> , 2013 , 62, 533-41	8.5	51
31	Quantifying sympathetic nerve activity: problems, pitfalls and the need for standardization. <i>Experimental Physiology</i> , 2010 , 95, 41-50	2.4	43
30	Carotid sinus denervation ameliorates renovascular hypertension in adult Wistar rats. <i>Journal of Physiology</i> , 2016 , 594, 6255-6266	3.9	32
29	Angiotensin II-based hypertension and the sympathetic nervous system: the role of dose and increased dietary salt in rabbits. <i>Experimental Physiology</i> , 2007 , 92, 831-40	2.4	28
28	Intracranial pressure influences the level of sympathetic tone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R1049-R1053	3.2	24
27	Recording of intracranial pressure in conscious rats via telemetry. <i>Journal of Applied Physiology</i> , 2015 , 119, 576-81	3.7	23
26	A high-salt diet does not influence renal sympathetic nerve activity: a direct telemetric investigation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R396-402	3.2	19
25	Renal sympathetic nerve activity in the development of hypertension. <i>Current Hypertension Reports</i> , 2006 , 8, 242-8	4.7	16
24	Variable role of carotid bodies in cardiovascular responses to exercise, hypoxia and hypercapnia in spontaneously hypertensive rats. <i>Journal of Physiology</i> , 2018 , 596, 3201-3216	3.9	14
23	Evaluating the carotid bodies and renal nerves as therapeutic targets for hypertension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 204, 126-130	2.4	14
22	Deep brain stimulation for the treatment of resistant hypertension. <i>Current Hypertension Reports</i> , 2014 , 16, 493	4.7	13
21	Role of renal sympathetic nerve activity in hypertension induced by chronic nitric oxide inhibition. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R1479-85	3.2	12

20	Sampling of cardiovascular data; how often and how much?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 295, R510-5	3.2	10
19	Hypertensive Response to Ischemic Stroke in the Normotensive Wistar Rat. <i>Stroke</i> , 2019 , 50, 2522-2530	6.7	6
18	Integrative cerebral blood flow regulation in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211032029	7.3	6
17	Role of the Carotid Body in an Ovine Model of Renovascular Hypertension. <i>Hypertension</i> , 2020 , 76, 1451-1460	8.460	5
16	Blockade of Rostral Ventrolateral Medulla Apelin Receptors Does Not Attenuate Arterial Pressure in SHR and -NAME-Induced Hypertensive Rats. <i>Frontiers in Physiology</i> , 2018 , 9, 1488	4.6	5
15	Cardiovascular and autonomic responses to sexual activity in the rabbit. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 560-3	3	3
14	The inevitability of ATP as a transmitter in the carotid body. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 234, 102815	2.4	3
13	Therapeutic Relevance of Elevated Blood Pressure After Ischemic Stroke in the Hypertensive Rats. <i>Hypertension</i> , 2020 , 75, 740-747	8.5	2
12	Response to role of the carotid body in obesity-related sympathoactivation. <i>Hypertension</i> , 2013 , 61, e588.5	8.5	2
11	Long-term recording of renal sympathetic nerve activity in conscious rats via telemetry. <i>FASEB Journal</i> , 2008 , 22, 738.10	0.9	2
10	Increasing dietary salt intake alone does not affect chronic levels of renal sympathetic activity or the responses to stressful stimuli in the rabbit. <i>FASEB Journal</i> , 2008 , 22, 738.8	0.9	1
9	Protocol for the Management of Systolic blood pressure during Thrombectomy by Endovascular Route for acute ischemic STROKE randomized clinical trial: The MASTERSTROKE trial. <i>International Journal of Stroke</i> , 2021 , 17474930211059029	6.3	0
8	Wireless Recording of Cardiovascular Signals 2012 , 247-252		
7	Scheduled sampling of cardiovascular parameters: how often should one collect data?. <i>FASEB Journal</i> , 2008 , 22, 737.29	0.9	
6	Acute long term stimulation of the ventral periaqueductal grey (vPAG) evokes persistent hypotensive responses in spontaneously hypertensive (SH) rats. <i>FASEB Journal</i> , 2010 , 24, 786.19	0.9	
5	Chronic knockdown of nNOS in the paraventricular nucleus (PVN) produces persistent increases in arterial pressure and renal sympathetic nerve activity (RSNA) in the rat. <i>FASEB Journal</i> , 2011 , 25, 1078.8	0.9	
4	Carotid body denervation (CBD) stunts development of Goldblatt 2 kidney-1 clip (2K-1C) hypertension in adult rats. <i>FASEB Journal</i> , 2013 , 27, 1108.7	0.9	
3	Effects of anti-hypertensive interventions on the inflammatory response in the spontaneously hypertensive rat. <i>FASEB Journal</i> , 2013 , 27, 905.8	0.9	

- 2 Interactions between carotid body denervation and renal nerve denervation in lowering arterial blood pressure in the adult spontaneously hypertensive rat (SHR). *FASEB Journal*, **2013**, 27, 699.13 0.9
- 1 A method to evaluate dynamic cerebral pressure-flow relationships in the conscious rat. *Journal of Applied Physiology*, **2021**, 131, 1361-1369 3.7