Ruy R Campos

List of Publications by Year in Descending Order

126 papers	2,283 citations	28 h-index	41 g-index
130 ext. papers	2,521 ext. citations	3.4 avg, IF	4.7 L-index

#	Paper	IF	Citations
126	Patterns of renal and splanchnic sympathetic vasomotor activity in an animal model of survival to experimental sepsis.. *Brazilian Journal of Medical and Biological Research*, **2022**, 55, e11873	2.8	
125	The involvement of renal afferents in the maintenance of cardiorenal diseases. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R88-R93	3.2	1
124	Effects of renal denervation on cardiovascular, metabolic and renal functions in streptozotocin-induced diabetic rats. *Life Sciences*, **2021**, 278, 119534	6.8	3
123	Effects of physical exercise on baroreflex sensitivity and renal sympathetic nerve activity in chronic nicotine-treated rats. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 786-794	2.4	
122	Retroperitoneal adipose tissue denervation improves cardiometabolic and autonomic dysfunction in a high fat diet model. *Life Sciences*, **2021**, 283, 119841	6.8	2
121	Renal sympathetic activation triggered by the rostral ventrolateral medulla is dependent of spinal cord AT1 receptors in Goldblatt hypertensive rats. *Peptides*, **2021**, 146, 170660	3.8	1
120	Role of spinal neurons in the maintenance of elevated sympathetic activity: a novel therapeutic target?. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 319, R282-R287	3.2	2
119	Renal Sensory Activity Regulates the Aminobutyric Acidergic Inputs to the Paraventricular Nucleus of the Hypothalamus in Goldblatt Hypertension. *Frontiers in Physiology*, **2020**, 11, 601237	4.6	5
118	Pattern of sympathetic vasomotor activity induced by GABAergic inhibition in the brain and spinal cord. *Pharmacological Reports*, **2020**, 72, 67-79	3.9	5
117	Afferent innervation of the ischemic kidney contributes to renal dysfunction in renovascular hypertensive rats. *Pflugers Archiv European Journal of Physiology*, **2020**, 472, 325-334	4.6	15
116	Selective afferent renal denervation mitigates renal and splanchnic sympathetic nerve overactivity and renal function in chronic kidney disease-induced hypertension. *Journal of Hypertension*, **2020**, 38, 765-773	1.9	13
115	Differential sympathetic vasomotor control by spinal AT and V1a receptors in the acute phase of hemorrhagic shock. *European Journal of Pharmacology*, **2020**, 866, 172819	5.3	3
114	Protective effects of kefir in the angiotensin II-dependent hypertension. *Journal of Functional Foods*, **2020**, 75, 104260	5.1	2
113	Interaction between angiotensin II and GABA in the spinal cord regulates sympathetic vasomotor activity in Goldblatt hypertension. *Neuroscience Letters*, **2020**, 728, 134976	3.3	5
112	Melatonin attenuates renal sympathetic overactivity and reactive oxygen species in the brain in neurogenic hypertension. *Hypertension Research*, **2019**, 42, 1683-1691	4.7	14
111	Pattern of sympathetic vasomotor activity in a model of hypertension induced by nitric oxide synthase blockade. *Physiological Reports*, **2019**, 7, e14183	2.6	7
110	Treatment with Mesenchymal Stem Cells Improves Renovascular Hypertension and Preserves the Ability of the Contralateral Kidney to Excrete Sodium. *Kidney and Blood Pressure Research*, **2019**, 44, 1404-1415	2.1	5

109	Impairment of natriuresis and diuresis induced by intrarenal adrenoceptor mechanisms in an experimental model of cirrhosis in rats. *Heliyon*, **2019**, 5, e03066	3.6	0
108	Renal denervation reduces sympathetic overactivation, brain oxidative stress, and renal injury in rats with renovascular hypertension independent of its effects on reducing blood pressure. *Hypertension Research*, **2019**, 42, 628-640	4.7	15
107	Variable role of carotid bodies in cardiovascular responses to exercise, hypoxia and hypercapnia in spontaneously hypertensive rats. *Journal of Physiology*, **2018**, 596, 3201-3216	3.9	14
106	Control of renal sympathetic nerve activity by neurotransmitters in the spinal cord in Goldblatt hypertension. *Brain Research*, **2018**, 1698, 43-53	3.7	6
105	Stimulation of renal afferent fibers leads to activation of catecholaminergic and non-catecholaminergic neurons in the medulla oblongata. *Autonomic Neuroscience: Basic and Clinical*, **2017**, 204, 48-56	2.4	11
104	The antioxidant effects of green tea reduces blood pressure and sympathoexcitation in an experimental model of hypertension. *Journal of Hypertension*, **2017**, 35, 348-354	1.9	23
103	Total renal denervation reduces sympathoexcitation to different target organs in a model of chronic kidney disease. *Autonomic Neuroscience: Basic and Clinical*, **2017**, 204, 81-87	2.4	14
102	Reply. *Journal of Hypertension*, **2017**, 35, 1719-1720	1.9	0
101	Differential effects of renal denervation on arterial baroreceptor function in Goldblatt hypertension model. *Autonomic Neuroscience: Basic and Clinical*, **2017**, 208, 43-50	2.4	11
100	Increased Dietary Salt Changes Baroreceptor Sensitivity and Intrarenal Renin-Angiotensin System in Goldblatt Hypertension. *American Journal of Hypertension*, **2017**, 30, 28-36	2.3	13
99	Reactive Oxygen Species within the Spinal Cord Impairs Arterial Baroreflex Control of Renal Sympathetic Nerve Activity **2017**, 4, 1-4		4
98	Chronic Nicotine Exposure Abolishes Maternal Systemic and Renal Adaptations to Pregnancy in Rats. *PLoS ONE*, **2016**, 11, e0150096	3.7	3
97	Autonomic and Renal Alterations in the Offspring of Sleep-Restricted Mothers During Late Pregnancy. *Clinics*, **2016**, 71, 521-7	2.3	6
96	Differential Sympathetic Vasomotor Activation Induced by Liver Cirrhosis in Rats. *PLoS ONE*, **2016**, 11, e0152512	3.7	6
95	Sympathetic overactivity occurs before hypertension in the two-kidney, one-clip model. *Experimental Physiology*, **2016**, 101, 67-80	2.4	38
94	SGLT1 activity in lung alveolar cells of diabetic rats modulates airway surface liquid glucose concentration and bacterial proliferation. *Scientific Reports*, **2016**, 6, 21752	4.9	25
93	Digitoxin improves cardiovascular autonomic control in rats with heart failure. *Canadian Journal of Physiology and Pharmacology*, **2016**, 94, 643-50	2.4	1
92	Renovascular hypertension: Effects of mesenchymal stem cells in the contralateral hypertensive kidney in rats. *Clinical and Experimental Hypertension*, **2016**, 38, 586-593	2.2	10

91	Aldosterone Contributes to Sympathoexcitation in Renovascular Hypertension. *American Journal of Hypertension*, **2015**, 28, 1083-90	2.3	19
90	Renal nerve stimulation leads to the activation of the Na+/H+ exchanger isoform 3 via angiotensin II type I receptor. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F848-56	4.3	35
89	Crosstalk between the renal sympathetic nerve and intrarenal angiotensin II modulates proximal tubular sodium reabsorption. *Experimental Physiology*, **2015**, 100, 502-6	2.4	23
88	The role of renal nerves in cardiovascular and renal function in normal and pathophysiological states. *Experimental Physiology*, **2015**, 100, 477-8	2.4	
87	Biología del Desarrollo Vascular: Mecanismos en Condiciones Fisiológicas y Estrés Flujo. *International Journal of Morphology*, **2015**, 33, 1348-1354	0.5	1
86	Relaxant effects of a hydroalcoholic extract of Ruta graveolens on isolated rat tracheal rings. *Biological Research*, **2015**, 48, 28	7.6	6
85	Mechanisms of renal sympathetic activation in renovascular hypertension. *Experimental Physiology*, **2015**, 100, 496-501	2.4	35
84	The crosstalk between the kidney and the central nervous system: the role of renal nerves in blood pressure regulation. *Experimental Physiology*, **2015**, 100, 479-84	2.4	33
83	Effects of mesenchymal stem cells in renovascular hypertension. *Experimental Physiology*, **2015**, 100, 491-5	2.4	5
82	Impact of angiogenic therapy in the treatment of critical lower limb ischemia in an animal model. *Vascular and Endovascular Surgery*, **2014**, 48, 207-16	1.4	3
81	Effects of the essential oil of Croton zehntneri and its major components, anethole and estragole, on the rat corpora cavernosa. *Life Sciences*, **2014**, 112, 74-81	6.8	14
80	Revealing the role of the autonomic nervous system in the development and maintenance of Goldblatt hypertension in rats. *Autonomic Neuroscience: Basic and Clinical*, **2014**, 183, 23-9	2.4	45
79	Treadmill exercise training prevents myocardial mechanical dysfunction induced by androgenic-anabolic steroid treatment in rats. *PLoS ONE*, **2014**, 9, e87106	3.7	9
78	Cardiovascular function alterations induced by acute paradoxical sleep deprivation in rats. *Clinical and Experimental Hypertension*, **2014**, 36, 567-71	2.2	14
77	Participation of 5-HT and AT1 Receptors within the Rostral Ventrolateral Medulla in the Maintenance of Hypertension in the Goldblatt 1 Kidney-1 Clip Model. *International Journal of Hypertension*, **2014**, 2014, 723939	2.4	3
76	Interconnectivity of sympathetic and sleep networks is mediated through reduction of gamma aminobutyric acidergic inhibition in the paraventricular nucleus. *Journal of Sleep Research*, **2014**, 23, 168-75	5.8	6
75	Paradoxical sleep deprivation increases mortality in myocardial infarcted rats. *Sleep and Biological Rhythms*, **2014**, 12, 216-219	1.3	2
74	Chronic sleep restriction during pregnancy--repercussion on cardiovascular and renal functioning of male offspring. *PLoS ONE*, **2014**, 9, e113075	3.7	12

73	More than hormones: sex differences in cardiovascular parameters after sleep loss in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 44, 34-8	5.5	8
72	Response to "Reducing oxidative stress in the rostral ventrolateral medulla in renovascular hypertension by peripheral administration of losartan: how and where?". *American Journal of Hypertension*, **2013**, 26, 1171	2.3	
71	Increased renal sympathetic nerve activity leads to hypertension and renal dysfunction in offspring from diabetic mothers. *American Journal of Physiology - Renal Physiology*, **2013**, 304, F189-97	4.3	22
70	Losartan reduces oxidative stress within the rostral ventrolateral medulla of rats with renovascular hypertension. *American Journal of Hypertension*, **2013**, 26, 858-65	2.3	34
69	Influence of acute sleep deprivation on cardiovascular parameters in female Zucker obese and lean rats. *Obesity*, **2013**, 21, 510-5	8	3
68	Mesenchymal stem cells (MSC) prevented the progression of renovascular hypertension, improved renal function and architecture. *PLoS ONE*, **2013**, 8, e78464	3.7	53
67	Renal molecular reponses elicited by electrical stimulation of sympathetic renal nerve in wistar rats. *FASEB Journal*, **2013**, 27, 695.11	0.9	
66	Changes in GABAergic inputs in the paraventricular nucleus maintain sympathetic vasomotor tone in chronic heart failure. *Autonomic Neuroscience: Basic and Clinical*, **2012**, 171, 41-8	2.4	21
65	Inflammatory muscle pain is dependent on the activation of kinin B□and B□receptors and intracellular kinase pathways. *British Journal of Pharmacology*, **2012**, 166, 1127-39	8.6	19
64	Electroacupuncture and moxibustion decrease renal sympathetic nerve activity and retard progression of renal disease in rats. *Kidney and Blood Pressure Research*, **2012**, 35, 355-64	3.1	16
63	Changes in baroreflex control of renal sympathetic nerve activity in high-fat-fed rats as a predictor of hypertension. *Obesity*, **2012**, 20, 1591-7	8	31
62	Blood pressure reducing effects of Phalaris canariensis in normotensive and spontaneously hypertensive rats. *Canadian Journal of Physiology and Pharmacology*, **2012**, 90, 201-8	2.4	9
61	Downregulation of AT1 receptor in the RVLM induced by mesenchymal stem cells treatment prevent the hypertension and sympathetic hyperactivity in 2K-1C Wistar rats. *FASEB Journal*, **2012**, 26, 893.5	0.9	
60	Differential sympathetic activation induced by intermittent hypoxia and sleep loss in rats: Action of angiotensin (1-7). *Autonomic Neuroscience: Basic and Clinical*, **2011**, 160, 32-6	2.4	12
59	The role of oxidative stress in renovascular hypertension. *Clinical and Experimental Pharmacology and Physiology*, **2011**, 38, 144-52	3	42
58	Role of the rostral ventrolateral medulla in the arterial hypertension in chronic renal failure. *International Journal of Hypertension*, **2011**, 2010, 219358	2.4	5
57	Sympathetic and angiotensinergic responses mediated by paradoxical sleep loss in rats. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2011**, 12, 146-52	3	24
56	Chronic antioxidant treatment improves arterial renovascular hypertension and oxidative stress markers in the kidney in Wistar rats. *American Journal of Hypertension*, **2010**, 23, 473-80	2.3	48

55	Vitamin C prevents DNA damage induced by renovascular hypertension in multiple organs of Wistar rats. *Human and Experimental Toxicology*, **2010**, 29, 593-9	3.4	21
54	Upregulation of AT1R and iNOS in the rostral ventrolateral medulla (RVLM) is essential for the sympathetic hyperactivity and hypertension in the 2K-1C Wistar rat model. *American Journal of Hypertension*, **2010**, 23, 708-15	2.3	54
53	Kidney-induced hypertension depends on superoxide signaling in the rostral ventrolateral medulla. *Hypertension*, **2010**, 56, 290-6	8.5	63
52	Mechanical vibration preserves bone structure in rats treated with glucocorticoids. *Bone*, **2010**, 46, 1516-21	4.7	26
51	High sucrose intake in rats is associated with increased ACE2 and angiotensin-(1-7) levels in the adipose tissue. *Regulatory Peptides*, **2010**, 162, 61-7		31
50	Chronic oxidative stress and sympathetic vasomotor tone in arterial hypertension. *American Journal of Hypertension*, **2010**, 23, 820	2.3	2
49	Brain nitric oxide production by a proline-rich decapeptide from Bothrops jararaca venom improves baroreflex sensitivity of spontaneously hypertensive rats. *Hypertension Research*, **2010**, 33, 1283-8	4.7	15
48	Comments on Point:Counterpoint: The dominant contributor to systemic hypertension: Chronic activation of the sympathetic nervous system vs. Activation of the intrarenal renin-angiotensin system. Activated intrarenal renin-angiotensin system is correlated with high blood pressure in	3.7	1
47	Altered balance of gamma-aminobutyric acidergic and glutamatergic afferent inputs in rostral ventrolateral medulla-projecting neurons in the paraventricular nucleus of the hypothalamus of renovascular hypertensive rats. *Journal of Comparative Neurology*, **2010**, 518, 567-85	3.4	50
46	Altered balance of □aminobutyic acidergic and glutamatergic afferent inputs in rostral ventrolateral medulla-projecting neurons in the paraventricular nucleus of the hypothalamus of renovascular hypertensive rats. *Journal of Comparative Neurology*, **2010**, 518, spc1-spc1	3.4	
45	Synergistic effect of vascular endothelial growth factor and granulocyte colony-stimulating factor double gene therapy in mouse limb ischemia. *Journal of Gene Medicine*, **2010**, 12, 310-9	3.5	15
44	Elevated sympathetic activity precedes the arterial hypertension in the Goldblatt model. *FASEB Journal*, **2010**, 24, 982.4	0.9	
43	Chronic Superoxide Signaling in the Rostral Ventrolateral Medulla (RVLM) is Essential For Goldblatt Hypertension. *FASEB Journal*, **2010**, 24, 809.3	0.9	
42	Role of the medulla oblongata in normal and high arterial blood pressure regulation: the contribution of Escola Paulista de Medicina - UNIFESP. *Anais Da Academia Brasileira De Ciencias*, **2009**, 81, 589-603	1.4	4
41	Oxidative stress in the sympathetic premotor neurons contributes to sympathetic activation in renovascular hypertension. *American Journal of Hypertension*, **2009**, 22, 484-92	2.3	114
40	Oxidative stress in the brain and arterial hypertension. *Hypertension Research*, **2009**, 32, 1047-8	4.7	27
39	Cardioprotective actions of ascorbic acid during isoproterenol-induced acute myocardial infarction in rats. *Pharmacology*, **2009**, 84, 29-37	2.3	28
38	Granulocyte-macrophage colony-stimulating factor gene based therapy for acute limb ischemia in a mouse model. *Journal of Gene Medicine*, **2009**, 11, 345-53	3.5	14

37	Ascorbic acid prevents acute myocardial infarction induced by isoproterenol in rats: role of inducible nitric oxide synthase production. *Journal of Molecular Histology*, **2009**, 40, 99-105	3.3	35
36	Chronic renal failure induces genetic instability in multiple organs of Wistar rats. *European Journal of Clinical Investigation*, **2009**, 39, 289-95	4.6	10
35	Distinct effects of acute and chronic sleep loss on DNA damage in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2009**, 33, 562-7	5.5	42
34	Cardioprotective effect of ornitho-kinin in an anesthetized, open-chest chicken model of acute coronary occlusion. *Brazilian Journal of Medical and Biological Research*, **2009**, 42, 824-30	2.8	1
33	Revealing the role of the autonomic nervous system in the development and maintenance of Goldblatt hypertension in conscious rats. *FASEB Journal*, **2009**, 23, 1017.16	0.9	
32	Hemodynamic parameters during normal and hypertensive pregnancy in rats: evaluation of renal salt and water transporters. *Hypertension in Pregnancy*, **2008**, 27, 49-63	2	10
31	Oxidative stress contributes to renovascular hypertension. *American Journal of Hypertension*, **2008**, 21, 98-104	2.3	77
30	Role of the caudal pressor area in the regulation of sympathetic vasomotor tone. *Brazilian Journal of Medical and Biological Research*, **2008**, 41, 557-62	2.8	19
29	EFFECTS OF CHRONIC VITAMIN C TREATMENT ON CARDIAC AND RENAL BAROREFLEXES IN RENOVASCULAR HYPERTENSION. *FASEB Journal*, **2008**, 22, 1210.13	0.9	
28	Sympathetic activation in rats with L-NAME-induced hypertension. *Brazilian Journal of Medical and Biological Research*, **2007**, 40, 401-408	2.8	36
27	Commissural nucleus of the solitary tract is important for cardiovascular responses to caudal pressor area activation. *Brain Research*, **2007**, 1161, 32-7	3.7	6
26	Hydrodynamics- and ultrasound-based transfection of heart with naked plasmid DNA. *Human Gene Therapy*, **2007**, 18, 1233-43	4.8	6
25	Differential sympathetic and angiotensinergic responses in rats submitted to low- or high-salt diet. *Regulatory Peptides*, **2007**, 140, 5-11		23
24	Sympathetic and renin-angiotensin systems contribute to increased blood pressure in sucrose-fed rats. *American Journal of Hypertension*, **2007**, 20, 692-8	2.3	15
23	SYMPATHETIC ACTIVATION IN SEPSIS INDUCED BY CECAL LIGATION AND PUNCTURE. *FASEB Journal*, **2007**, 21, A591	0.9	
22	Neurotransmission Alterations in Central Cardiovascular Control in Experimental Hypertension. *Current Hypertension Reviews*, **2006**, 2, 193-198	2.3	16
21	Differential baroreceptor modulation mediated by the ventrolateral medulla. *Autonomic Neuroscience: Basic and Clinical*, **2006**, 126-127, 156-62	2.4	7
20	Differential control of cardiac functions by the brain. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 1255-8	3	15

19	Role of the AQP2, TSC, BSC, NHE3 and ROMK2 nephron transporters and sistemic hemodynamic during pregnancy and NO blocked hypertension. *FASEB Journal*, **2006**, 20, A340	0.9	
18	Effects of chronic anabolic steroid treatment on tonic and reflex cardiovascular control in male rats. *Journal of Steroid Biochemistry and Molecular Biology*, **2005**, 93, 43-8	5.1	54
17	Perinatal salt restriction: a new pathway to programming insulin resistance and dyslipidemia in adult wistar rats. *Pediatric Research*, **2004**, 56, 842-8	3.2	26
16	Acute effects of testosterone on intracellular Ca2+ kinetics in rat coronary endothelial cells are exerted via aromatization to estrogens. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 287, H63-71	5.2	22
15	Cardiovascular responses to microinjections of GABA or anesthetics into the rostral ventrolateral medulla of conscious and anesthetized rats. *Brazilian Journal of Medical and Biological Research*, **2003**, 36, 1269-77	2.8	22
14	Respiratory pattern in a rat model of epilepsy. *Epilepsia*, **2003**, 44, 712-7	6.4	8
13	Role of endogenous angiotensin II on glutamatergic actions in the rostral ventrolateral medulla in Goldblatt hypertensive rats. *Hypertension*, **2003**, 42, 707-12	8.5	25
12	Effects of angiotensin blockade in the rostral ventrolateral medulla on maintenance of hypertension induced by chronic L-NAME treatment. *Brain Research*, **2002**, 927, 195-9	3.7	10
11	Haemodynamic effects of hypothalamic disconnection in anaesthetized rats. *Autonomic Neuroscience: Basic and Clinical*, **2002**, 98, 51-4	2.4	3
10	Role of the medulla oblongata in hypertension. *Hypertension*, **2001**, 38, 549-54	8.5	127
9	Cardiovascular and respiratory responses to microinjection of L-glutamate into the caudal pressor area in conscious and anesthetized rats. *Brazilian Journal of Medical and Biological Research*, **2001**, 34, 1603-6	2.8	7
8	Rostral ventrolateral medulla : A source of sympathetic activation in rats subjected to long-term treatment with L-NAME. *Hypertension*, **1999**, 34, 744-7	8.5	33
7	Importance of glycinergic and glutamatergic synapses within the rostral ventrolateral medulla for blood pressure regulation in conscious rats. *Hypertension*, **1999**, 34, 752-5	8.5	39
6	The supply of vasomotor drive to individual classes of sympathetic neuron. *Clinical and Experimental Hypertension*, **1997**, 19, 607-18	2.2	32
5	Cardiorespiratory effects of L-glutamate microinjected into the rat ventral medulla. *Respiration Physiology*, **1997**, 108, 23-33		11
4	Cardiac sympathetic premotor neurons. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1997**, 272, R615-20	3.2	22
3	Role of the rostral ventrolateral medulla in maintenance of blood pressure in rats with Goldblatt hypertension. *Hypertension*, **1995**, 26, 1117-20	8.5	63
2	A fall in arterial blood pressure produced by inhibition of the caudalmost ventrolateral medulla: the caudal pressor area. *Journal of the Autonomic Nervous System*, **1994**, 49, 235-45		33

1	Cardiovascular effects produced by micro-injection of angiotensin-(1-7) on vasopressor and vasodepressor sites of the ventrolateral medulla. *Brain Research*, **1993**, 613, 321-5	3.7	67