David Centurion

List of Publications by Year in Descending Order

79 papers	1,399 citations	21 h-index	34 g-index
81 ext. papers	1,513 ext. citations	5 avg, IF	4.06 L-index

#	Paper	IF	Citations
79	Sex-dependent antiallodynic effect of □adrenergic receptor agonist tizanidine in rats with experimental neuropathic pain.. *European Journal of Pharmacology*, **2022**, 174855	5.3	0
78	Hydrogen Sulfide Subchronic Treatment Improves Hypertension Induced by Traumatic Brain Injury in Rats through Vasopressor Sympathetic Outflow Inhibition. *Journal of Neurotrauma*, **2021**,	5.4	2
77	Activation of 5-HT and 5-HT receptors enhanced a positively reinforced long-term memory. *Behavioural Brain Research*, **2021**, 397, 112932	3.4	3
76	Fenofibrate Protects Cardiomyocytes from Hypoxia/Reperfusion- and High Glucose-Induced Detrimental Effects. *PPAR Research*, **2021**, 2021, 8895376	4.3	1
75	Blocking properties of terguride at the 5-HT receptor subtypes mediating cardiovascular responses in the rat. *Canadian Journal of Physiology and Pharmacology*, **2020**, 98, 511-521	2.4	
74	Bladder Enlargement Correlates with Plasma Insulin, Not Glucose Levels in Fructose-Fed Rats. *FASEB Journal*, **2020**, 34, 1-1	0.9	
73	Cardiovascular Responses to 5-hydroxytryptamine in Methimazole-induced Hypothyroid Pithed Rats. *Archives of Medical Research*, **2020**, 51, 310-316	6.6	1
72	Therapeutic effect of treatment with metformin and/or 4-hydroxychalcone in male Wistar rats with nonalcoholic fatty liver disease. *European Journal of Pharmacology*, **2019**, 863, 172699	5.3	4
71	Chronic administration of NaHS and L-Cysteine restores cardiovascular changes induced by high-fat diet in rats. *European Journal of Pharmacology*, **2019**, 863, 172707	5.3	5
70	Potential vascular □adrenoceptor blocking properties of metformin in rat aorta and tail artery. *European Journal of Pharmacology*, **2019**, 858, 172498	5.3	0
69	Fructose-Induced Insulin Resistance as a Model of Neuropathic Pain in Rats. *Neuroscience*, **2019**, 404, 233-245	3.9	10
68	Histopathological and biochemical changes in the development of nonalcoholic fatty liver disease induced by high-sucrose diet at different times. *Canadian Journal of Physiology and Pharmacology*, **2019**, 97, 23-36	2.4	7
67	NaHS prejunctionally inhibits the cardioaccelerator sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2018**, 823, 35-40	5.3	3
66	Pharmacological evidence that metformin blocks the vasopressor responses mediated by stimulation of □and □adrenoceptors in pithed rats. *European Journal of Pharmacology*, **2018**, 820, 130-137	5.3	3
65	Pharmacological evaluation of metformin and N-benzylbiguanide, a novel analogue of metformin, on the vasopressor responses to adrenergic system stimulation in pithed rats with fructose-induced insulin resistance. *European Journal of Pharmacology*, **2017**, 814, 313-323	5.3	7
64	Synthesis and In Vitro AMPK Activation of Cycloalkyl/Alkarylbiguanides with Robust In Vivo Antihyperglycemic Action. *Journal of Chemistry*, **2017**, 2017, 1-8	2.3	5
63	□A-adrenoceptors, but not nitric oxide, mediate the peripheral cardiac sympatho-inhibition of moxonidine. *European Journal of Pharmacology*, **2016**, 782, 35-43	5.3	8

62	Pharmacological evidence that NaHS inhibits the vasopressor responses induced by stimulation of the preganglionic sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2016**, 770, 40-5	5.3	9
61	Pharmacological analysis of the cardiac sympatho-inhibitory actions of moxonidine and agmatine in pithed spontaneously hypertensive rats. *European Journal of Pharmacology*, **2016**, 791, 25-36	5.3	4
60	Inhibitory effect of chronic oral treatment with fluoxetine on capsaicin-induced external carotid vasodilatation in anaesthetised dogs. *Cephalalgia*, **2015**, 35, 1041-53	6.1	2
59	The suprachiasmatic nucleus is part of a neural feedback circuit adapting blood pressure response. *Neuroscience*, **2014**, 266, 197-207	3.9	35
58	Pharmacological characterization of the mechanisms involved in the vasorelaxation induced by progesterone and 17□-estradiol on isolated canine basilar and internal carotid arteries. *Steroids*, **2014**, 89, 33-40	2.8	9
57	Evidence that chronic administration of 17□-oestradiol decreases the vasopressor responses to adrenergic system stimulation in streptozotocin-diabetic female rats. *Steroids*, **2014**, 83, 1-9	2.8	1
56	Pharmacological evidence that 5-HT1A/1B/1D, □-adrenoceptors and D2-like receptors mediate ergotamine-induced inhibition of the vasopressor sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2014**, 740, 512-21	5.3	2
55	The □-adrenoceptors mediating inhibition of the vasopressor sympathetic outflow in pithed rats: pharmacological correlation with □A, □B and □C subtypes. *European Journal of Pharmacology*, **2013**, 718, 245-52	5.3	12
54	Pharmacological identification of □- and □-adrenoceptor subtypes involved in the vasopressor responses induced by ergotamine in pithed rats. *European Journal of Pharmacology*, **2013**, 715, 262-9	5.3	4
53	Pharmacological evidence that dopamine inhibits the cardioaccelerator sympathetic outflow via D2-like receptors in pithed rats. *Journal of Pharmacological Sciences*, **2013**, 123, 380-91	3.7	1
52	Pharmacological characterization of □-adrenoceptor subtypes mediating inhibition of sympathetic vasopressor responses to B-HT 933 in pithed rats. *FASEB Journal*, **2013**, 27, lb605	0.9	
51	Pharmacological evidence that spinal (□2C)- and, to a lesser extent, (□2A)-adrenoceptors inhibit capsaicin-induced vasodilatation in the canine external carotid circulation. *European Journal of Pharmacology*, **2012**, 683, 204-10	5.3	8
50	Pharmacological identification of the □-adrenoceptor subtypes mediating the vasopressor responses to B-HT 933 in pithed rats. *European Journal of Pharmacology*, **2012**, 691, 118-24	5.3	8
49	Pharmacological evidence that Ca□+ channels and, to a lesser extent, K+ channels mediate the relaxation of testosterone in the canine basilar artery. *Steroids*, **2011**, 76, 409-15	2.8	9
48	The dopamine receptors mediating inhibition of the sympathetic vasopressor outflow in pithed rats: pharmacological correlation with the D(2) -like type. *Basic and Clinical Pharmacology and Toxicology*, **2011**, 109, 506-12	3.1	9
47	The 5-HT(1) receptors inhibiting the rat vasodepressor sensory CGRPergic outflow: further involvement of 5-HT(1F), but not 5-HT(1A) or 5-HT(1D), subtypes. *European Journal of Pharmacology*, **2011**, 659, 233-43	5.3	27
46	Postjunctional □C-adrenoceptors mediate vasoconstriction in rat tail artery: influence of precontraction and temperature on vasoreactivity. *Naunyn-Schmiedebergts Archives of Pharmacology*, **2010**, 382, 487-97	3.4	10
45	Activation of 5-HT1B receptors inhibits the vasodepressor sensory CGRPergic outflow in pithed rats. *European Journal of Pharmacology*, **2010**, 637, 131-7	5.3	14

44	Pharmacological profile of the inhibition by dihydroergotamine and methysergide on the cardioaccelerator sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2009**, 612, 80-6	5.3	3
43	Phenylephrine contracts porcine pulmonary veins via alpha(1B)-, alpha(1D)-, and alpha(2)-adrenoceptors. *European Journal of Pharmacology*, **2009**, 613, 86-92	5.3	9
42	Spinal sumatriptan inhibits capsaicin-induced canine external carotid vasodilatation via 5-HT1B rather than 5-HT1D receptors. *European Journal of Pharmacology*, **2009**, 615, 133-8	5.3	14
41	Pharmacological characterization of the inhibition by moxonidine and agmatine on the cardioaccelerator sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2009**, 616, 175-82	5.3	13
40	Pharmacological characterization of ergotamine-induced inhibition of the cardioaccelerator sympathetic outflow in pithed rats. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2009**, 379, 137-48	3.4	9
39	Effect of some acute and prophylactic antimigraine drugs on the vasodepressor sensory CGRPergic outflow in pithed rats. *Life Sciences*, **2009**, 84, 125-31	6.8	9
38	Pharmacological profile of the clonidine-induced inhibition of vasodepressor sensory outflow in pithed rats: correlation with a2A/2C-adrenoceptors. *British Journal of Pharmacology*, **2008**, 154, 1160-1160	8.6	78
37	Pharmacological profile of the clonidine-induced inhibition of vasodepressor sensory outflow in pithed rats: correlation with alpha(2A/2C)-adrenoceptors. *British Journal of Pharmacology*, **2008**, 154, 51-9	8.6	24
36	Crosstalk of vascular 5-HT1 receptors with other receptors: clinical implications. *Neuropharmacology*, **2008**, 55, 986-93	5.5	16
35	Evidence that some imidazoline derivatives inhibit peripherally the vasopressor sympathetic outflow in pithed rats. *Autonomic Neuroscience: Basic and Clinical*, **2008**, 143, 40-5	2.4	13
34	Current and prospective pharmacological targets in relation to antimigraine action. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2008**, 378, 371-94	3.4	26
33	Characterization of the postjunctional alpha 2C-adrenoceptor mediating vasoconstriction to UK14304 in porcine pulmonary veins. *British Journal of Pharmacology*, **2007**, 151, 186-94	8.6	21
32	A61603-induced contractions of the porcine meningeal artery are mediated by alpha1- and alpha2-adrenoceptors. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 100, 279-85	3.1	4
31	Pharmacological evidence that alpha2A- and alpha2C-adrenoceptors mediate the inhibition of cardioaccelerator sympathetic outflow in pithed rats. *European Journal of Pharmacology*, **2007**, 554, 205-11	5.3	17
30	Cardiovascular responses produced by 5-hydroxytriptamine:a pharmacological update on the receptors/mechanisms involved and therapeutic implications. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2007**, 376, 45-63	3.4	154
29	Potential vascular alpha1-adrenoceptor blocking properties of an array of 5-HT receptor ligands in the rat. *European Journal of Pharmacology*, **2006**, 535, 234-42	5.3	26
28	Clonidine inhibits the canine external carotid vasodilatation to capsaicin by alpha2A/2C-adrenoceptors. *European Journal of Pharmacology*, **2006**, 543, 68-76	5.3	9
27	Experimental migraine models and their relevance in migraine therapy. *Cephalalgia*, **2006**, 26, 642-59	6.1	36

26	Donitriptan, but not sumatriptan, inhibits capsaicin-induced canine external carotid vasodilatation via 5-HT1B rather than 5-HT1D receptors. *British Journal of Pharmacology*, **2006**, 149, 82-91	8.6	19
25	Lack of effect of the adenosine A1 receptor agonist, GR79236, on capsaicin-induced CGRP release in anaesthetized pigs. *Cephalalgia*, **2005**, 25, 1082-90	6.1	6
24	5-HT1B receptors and alpha 2A/2C-adrenoceptors mediate external carotid vasoconstriction to dihydroergotamine. *European Journal of Pharmacology*, **2004**, 484, 287-90	5.3	19
23	5-HT7, but not 5-HT2B, receptors mediate hypotension in vagosympathectomized rats. *European Journal of Pharmacology*, **2004**, 502, 239-42	5.3	32
22	Further characterization of the 5-HT1 receptors mediating cardiac sympatho-inhibition in pithed rats: pharmacological correlation with the 5-HT1B and 5-HT1D subtypes. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2004**, 369, 220-7	3.4	28
21	5-HT1B receptors, alpha2A/2C- and, to a lesser extent, alpha1-adrenoceptors mediate the external carotid vasoconstriction to ergotamine in vagosympathectomised dogs. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2004**, 370, 46-53	3.4	21
20	Pharmacological analysis of the mechanisms involved in the tachycardic and vasopressor responses to the antimigraine agent, isometheptene, in pithed rats. *Life Sciences*, **2004**, 74, 3223-34	6.8	9
19	Cardiovascular alterations after spinal cord injury: an overview. *Current Medicinal Chemistry Cardiovascular and Hematological Agents*, **2004**, 2, 133-48		69
18	Migraine: pathophysiology, pharmacology, treatment and future trends. *Current Vascular Pharmacology*, **2003**, 1, 71-84	3.3	98
17	Pharmacological profile of the vascular responses to dopamine in the canine external carotid circulation. *Basic and Clinical Pharmacology and Toxicology*, **2003**, 92, 165-72		9
16	Pharmacological profile of the 5-HT-induced inhibition of cardioaccelerator sympathetic outflow in pithed rats: correlation with 5-HT1 and putative 5-ht5A/5B receptors. *British Journal of Pharmacology*, **2003**, 140, 725-35	8.6	29
15	The atypical 5-HT2 receptor mediating tachycardia in pithed rats: pharmacological correlation with the 5-HT2A receptor subtype. *British Journal of Pharmacology*, **2002**, 135, 1531-9	8.6	23
14	Unravelling the pharmacological profile of the canine external carotid vasodilator U5-HT1-likeU receptors: coexistence of sympatho-inhibitory 5-HT1B and postjunctional 5-HT7 receptors. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2001**, 363, 73-80	3.4	16
13	The GR127935-sensitive 5-HT(1) receptors mediating canine internal carotid vasoconstriction: resemblance to the 5-HT(1B), but not to the 5-HT(1D) or 5-ht(1F), receptor subtype. *British Journal of Pharmacology*, **2001**, 132, 991-8	8.6	13
12	Evidence for 5-HT(1B/1D) and 5-HT(2A) receptors mediating constriction of the canine internal carotid circulation. *British Journal of Pharmacology*, **2001**, 132, 983-90	8.6	11
11	Further pharmacological analysis of the orphan 5-HT receptors mediating feline vasodepressor responses: close resemblance to the 5-HT7, receptor. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2000**, 361, 665-71	3.4	17
10	Mediation of 5-HT-induced internal carotid vasodilatation in GR127935- and ritanserin-pretreated dogs by 5-HT7 receptors. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **2000**, 362, 169-76	3.4	21
9	Canine external carotid vasoconstriction to methysergide, ergotamine and dihydroergotamine: role of 5-HT1B/1D receptors and alpha2-adrenoceptors. *British Journal of Pharmacology*, **1999**, 126, 585-94	8.6	51

8	5-Hydroxytryptamine inhibits the tachycardia induced by selective preganglionic sympathetic stimulation in pithed rats. *Life Sciences*, **1999**, 64, 1839-47	6.8	22
7	The 5-HT1-like receptors mediating inhibition of sympathetic vasopressor outflow in the pithed rat: operational correlation with the 5-HT1A, 5-HT1B and 5-HT1D subtypes. *British Journal of Pharmacology*, **1998**, 124, 1001-11	8.6	35
6	Pharmacological profile of the prejunctional 5-HT1 receptors mediating inhibition of sympathetic vasopressor outflow in the pithed rat. *Annals of the New York Academy of Sciences*, **1998**, 861, 281-2	6.5	
5	The canine external carotid vasoconstrictor 5-HT1 receptor: blockade by 5-HT1B (SB224289), but not by 5-HT1D (BRL15572) receptor antagonists. *European Journal of Pharmacology*, **1998**, 362, 69-72	5.3	40
4	GR127935 antagonizes the 5-HT1-like receptor-mediated external carotid vasoconstriction in vagosympathectomized dogs. *Annals of the New York Academy of Sciences*, **1997**, 812, 207-8	6.5	3
3	Mediation of 5-HT-induced external carotid vasodilatation in GR 127935-pretreated vagosympathectomized dogs by the putative 5-HT7 receptor. *British Journal of Pharmacology*, **1997**, 120, 1319-27	8.6	50
2	Characterization of putative 5-HT7 receptors mediating tachycardia in the cat. *British Journal of Pharmacology*, **1997**, 121, 1187-95	8.6	32
1	Operational characteristics of the 5-HT1-like receptors mediating external carotid vasoconstriction in vagosympathectomized dogs. Close resemblance to the 5-HT1D receptor subtype. *Naunyn-Schmiedebergʼs Archives of Pharmacology*, **1996**, 354, 550-6	3.4	22