

David Centurion

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79
papers

1,399
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21
h-index

34
g-index

81
ext. papers

1,513
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5
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4.06
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#	Paper	IF	Citations
79	Cardiovascular responses produced by 5-hydroxytryptamine: a pharmacological update on the receptors/mechanisms involved and therapeutic implications. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007 , 376, 45-63	3.4	154
78	Migraine: pathophysiology, pharmacology, treatment and future trends. <i>Current Vascular Pharmacology</i> , 2003 , 1, 71-84	3.3	98
77	Pharmacological profile of the clonidine-induced inhibition of vasodepressor sensory outflow in pithed rats: correlation with $\alpha_2A/2C$ -adrenoceptors. <i>British Journal of Pharmacology</i> , 2008 , 154, 1160-1160	8.6	78
76	Cardiovascular alterations after spinal cord injury: an overview. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2004 , 2, 133-48		69
75	Canine external carotid vasoconstriction to methysergide, ergotamine and dihydroergotamine: role of 5-HT _{1B/1D} receptors and α_2 -adrenoceptors. <i>British Journal of Pharmacology</i> , 1999 , 126, 585-94	8.6	51
74	Mediation of 5-HT-induced external carotid vasodilatation in GR 127935-pretreated vagosympathectomized dogs by the putative 5-HT ₇ receptor. <i>British Journal of Pharmacology</i> , 1997 , 120, 1319-27	8.6	50
73	The canine external carotid vasoconstrictor 5-HT ₁ receptor: blockade by 5-HT _{1B} (SB224289), but not by 5-HT _{1D} (BRL15572) receptor antagonists. <i>European Journal of Pharmacology</i> , 1998 , 362, 69-72	5.3	40
72	Experimental migraine models and their relevance in migraine therapy. <i>Cephalalgia</i> , 2006 , 26, 642-59	6.1	36
71	The suprachiasmatic nucleus is part of a neural feedback circuit adapting blood pressure response. <i>Neuroscience</i> , 2014 , 266, 197-207	3.9	35
70	The 5-HT ₁ -like receptors mediating inhibition of sympathetic vasopressor outflow in the pithed rat: operational correlation with the 5-HT _{1A} , 5-HT _{1B} and 5-HT _{1D} subtypes. <i>British Journal of Pharmacology</i> , 1998 , 124, 1001-11	8.6	35
69	Characterization of putative 5-HT ₇ receptors mediating tachycardia in the cat. <i>British Journal of Pharmacology</i> , 1997 , 121, 1187-95	8.6	32
68	5-HT ₇ , but not 5-HT _{2B} , receptors mediate hypotension in vagosympathectomized rats. <i>European Journal of Pharmacology</i> , 2004 , 502, 239-42	5.3	32
67	Pharmacological profile of the 5-HT-induced inhibition of cardioaccelerator sympathetic outflow in pithed rats: correlation with 5-HT ₁ and putative 5-HT _{5A/5B} receptors. <i>British Journal of Pharmacology</i> , 2003 , 140, 725-35	8.6	29
66	Further characterization of the 5-HT ₁ receptors mediating cardiac sympatho-inhibition in pithed rats: pharmacological correlation with the 5-HT _{1B} and 5-HT _{1D} subtypes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 369, 220-7	3.4	28
65	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. <i>European Journal of Pharmacology</i> , 2011 , 659, 233-43	5.3	27
64	Current and prospective pharmacological targets in relation to antimigraine action. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008 , 378, 371-94	3.4	26
63	Potential vascular α_1 -adrenoceptor blocking properties of an array of 5-HT receptor ligands in the rat. <i>European Journal of Pharmacology</i> , 2006 , 535, 234-42	5.3	26

62	Pharmacological profile of the clonidine-induced inhibition of vasodepressor sensory outflow in pithed rats: correlation with alpha(2A/2C)-adrenoceptors. <i>British Journal of Pharmacology</i> , 2008 , 154, 51-9	8.6	24
61	The atypical 5-HT ₂ receptor mediating tachycardia in pithed rats: pharmacological correlation with the 5-HT _{2A} receptor subtype. <i>British Journal of Pharmacology</i> , 2002 , 135, 1531-9	8.6	23
60	5-Hydroxytryptamine inhibits the tachycardia induced by selective preganglionic sympathetic stimulation in pithed rats. <i>Life Sciences</i> , 1999 , 64, 1839-47	6.8	22
59	Operational characteristics of the 5-HT ₁ -like receptors mediating external carotid vasoconstriction in vagosympathectomized dogs. Close resemblance to the 5-HT _{1D} receptor subtype. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996 , 354, 550-6	3.4	22
58	Characterization of the postjunctional alpha 2C-adrenoceptor mediating vasoconstriction to UK14304 in porcine pulmonary veins. <i>British Journal of Pharmacology</i> , 2007 , 151, 186-94	8.6	21
57	5-HT _{1B} receptors, alpha _{2A/2C} - and, to a lesser extent, alpha ₁ -adrenoceptors mediate the external carotid vasoconstriction to ergotamine in vagosympathectomised dogs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 370, 46-53	3.4	21
56	Mediation of 5-HT-induced internal carotid vasodilatation in GR127935- and ritanserin-pretreated dogs by 5-HT ₇ receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000 , 362, 169-76	3.4	21
55	Donitriptan, but not sumatriptan, inhibits capsaicin-induced canine external carotid vasodilatation via 5-HT _{1B} rather than 5-HT _{1D} receptors. <i>British Journal of Pharmacology</i> , 2006 , 149, 82-91	8.6	19
54	5-HT _{1B} receptors and alpha 2A/2C-adrenoceptors mediate external carotid vasoconstriction to dihydroergotamine. <i>European Journal of Pharmacology</i> , 2004 , 484, 287-90	5.3	19
53	Pharmacological evidence that alpha _{2A} - and alpha _{2C} -adrenoceptors mediate the inhibition of cardioaccelerator sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2007 , 554, 205-11	5.3	17
52	Further pharmacological analysis of the orphan 5-HT receptors mediating feline vasodepressor responses: close resemblance to the 5-HT ₇ receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000 , 361, 665-71	3.4	17
51	Crosstalk of vascular 5-HT ₁ receptors with other receptors: clinical implications. <i>Neuropharmacology</i> , 2008 , 55, 986-93	5.5	16
50	Unravelling the pharmacological profile of the canine external carotid vasodilator 5-HT ₁ -like receptors: coexistence of sympatho-inhibitory 5-HT _{1B} and postjunctional 5-HT ₇ receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 363, 73-80	3.4	16
49	Spinal sumatriptan inhibits capsaicin-induced canine external carotid vasodilatation via 5-HT _{1B} rather than 5-HT _{1D} receptors. <i>European Journal of Pharmacology</i> , 2009 , 615, 133-8	5.3	14
48	Activation of 5-HT _{1B} receptors inhibits the vasodepressor sensory CGRPergic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2010 , 637, 131-7	5.3	14
47	Pharmacological characterization of the inhibition by moxonidine and agmatine on the cardioaccelerator sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2009 , 616, 175-82	5.3	13
46	Evidence that some imidazoline derivatives inhibit peripherally the vasopressor sympathetic outflow in pithed rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008 , 143, 40-5	2.4	13
45	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. <i>British Journal of Pharmacology</i> , 2001 , 132, 991-8	8.6	13

44	The α -adrenoceptors mediating inhibition of the vasopressor sympathetic outflow in pithed rats: pharmacological correlation with α A, α B and α C subtypes. <i>European Journal of Pharmacology</i> , 2013 , 718, 245-52	5.3	12
43	Evidence for 5-HT(1B/1D) and 5-HT(2A) receptors mediating constriction of the canine internal carotid circulation. <i>British Journal of Pharmacology</i> , 2001 , 132, 983-90	8.6	11
42	Fructose-Induced Insulin Resistance as a Model of Neuropathic Pain in Rats. <i>Neuroscience</i> , 2019 , 404, 233-245	3.9	10
41	Postjunctional α C-adrenoceptors mediate vasoconstriction in rat tail artery: influence of precontraction and temperature on vasoreactivity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010 , 382, 487-97	3.4	10
40	Pharmacological evidence that NaHS inhibits the vasopressor responses induced by stimulation of the preganglionic sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2016 , 770, 40-53	5.3	9
39	Pharmacological characterization of the mechanisms involved in the vasorelaxation induced by progesterone and 17 β -estradiol on isolated canine basilar and internal carotid arteries. <i>Steroids</i> , 2014 , 89, 33-40	2.8	9
38	Pharmacological evidence that Ca ²⁺ channels and, to a lesser extent, K ⁺ channels mediate the relaxation of testosterone in the canine basilar artery. <i>Steroids</i> , 2011 , 76, 409-15	2.8	9
37	The dopamine receptors mediating inhibition of the sympathetic vasopressor outflow in pithed rats: pharmacological correlation with the D(2) -like type. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 109, 506-12	3.1	9
36	Phenylephrine contracts porcine pulmonary veins via alpha(1B)-, alpha(1D)-, and alpha(2)-adrenoceptors. <i>European Journal of Pharmacology</i> , 2009 , 613, 86-92	5.3	9
35	Pharmacological characterization of ergotamine-induced inhibition of the cardioaccelerator sympathetic outflow in pithed rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 137-48	3.4	9
34	Effect of some acute and prophylactic antimigraine drugs on the vasodepressor sensory CGRPergic outflow in pithed rats. <i>Life Sciences</i> , 2009 , 84, 125-31	6.8	9
33	Clonidine inhibits the canine external carotid vasodilatation to capsaicin by alpha2A/2C-adrenoceptors. <i>European Journal of Pharmacology</i> , 2006 , 543, 68-76	5.3	9
32	Pharmacological profile of the vascular responses to dopamine in the canine external carotid circulation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 92, 165-72		9
31	Pharmacological analysis of the mechanisms involved in the tachycardic and vasopressor responses to the antimigraine agent, isometheptene, in pithed rats. <i>Life Sciences</i> , 2004 , 74, 3223-34	6.8	9
30	α A-adrenoceptors, but not nitric oxide, mediate the peripheral cardiac sympatho-inhibition of moxonidine. <i>European Journal of Pharmacology</i> , 2016 , 782, 35-43	5.3	8
29	Pharmacological evidence that spinal (α C)- and, to a lesser extent, (α A)-adrenoceptors inhibit capsaicin-induced vasodilatation in the canine external carotid circulation. <i>European Journal of Pharmacology</i> , 2012 , 683, 204-10	5.3	8
28	Pharmacological identification of the α B-adrenoceptor subtypes mediating the vasopressor responses to B-HT 933 in pithed rats. <i>European Journal of Pharmacology</i> , 2012 , 691, 118-24	5.3	8
27	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. <i>European Journal of Pharmacology</i> , 2017 , 814, 313-323	5.3	7

26	Histopathological and biochemical changes in the development of nonalcoholic fatty liver disease induced by high-sucrose diet at different times. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 23-36	2.4	7
25	Lack of effect of the adenosine A1 receptor agonist, GR79236, on capsaicin-induced CGRP release in anaesthetized pigs. <i>Cephalalgia</i> , 2005 , 25, 1082-90	6.1	6
24	Chronic administration of NaHS and L-Cysteine restores cardiovascular changes induced by high-fat diet in rats. <i>European Journal of Pharmacology</i> , 2019 , 863, 172707	5.3	5
23	Synthesis and In Vitro AMPK Activation of Cycloalkyl/Alkarylbiguanides with Robust In Vivo Antihyperglycemic Action. <i>Journal of Chemistry</i> , 2017 , 2017, 1-8	2.3	5
22	Therapeutic effect of treatment with metformin and/or 4-hydroxychalcone in male Wistar rats with nonalcoholic fatty liver disease. <i>European Journal of Pharmacology</i> , 2019 , 863, 172699	5.3	4
21	Pharmacological identification of α - and β -adrenoceptor subtypes involved in the vasopressor responses induced by ergotamine in pithed rats. <i>European Journal of Pharmacology</i> , 2013 , 715, 262-9	5.3	4
20	A61603-induced contractions of the porcine meningeal artery are mediated by alpha1- and alpha2-adrenoceptors. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 100, 279-85	3.1	4
19	Pharmacological analysis of the cardiac sympatho-inhibitory actions of moxonidine and agmatine in pithed spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2016 , 791, 25-36	5.3	4
18	NaHS prejunctionally inhibits the cardioaccelerator sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2018 , 823, 35-40	5.3	3
17	Pharmacological evidence that metformin blocks the vasopressor responses mediated by stimulation of α and β adrenoceptors in pithed rats. <i>European Journal of Pharmacology</i> , 2018 , 820, 130-137	5.3	3
16	Pharmacological profile of the inhibition by dihydroergotamine and methysergide on the cardioaccelerator sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2009 , 612, 80-6	5.3	3
15	GR127935 antagonizes the 5-HT ₁ -like receptor-mediated external carotid vasoconstriction in vagosympathectomized dogs. <i>Annals of the New York Academy of Sciences</i> , 1997 , 812, 207-8	6.5	3
14	Activation of 5-HT and 5-HT receptors enhanced a positively reinforced long-term memory. <i>Behavioural Brain Research</i> , 2021 , 397, 112932	3.4	3
13	Inhibitory effect of chronic oral treatment with fluoxetine on capsaicin-induced external carotid vasodilatation in anaesthetised dogs. <i>Cephalalgia</i> , 2015 , 35, 1041-53	6.1	2
12	Pharmacological evidence that 5-HT _{1A/1B/1D} , α -adrenoceptors and D ₂ -like receptors mediate ergotamine-induced inhibition of the vasopressor sympathetic outflow in pithed rats. <i>European Journal of Pharmacology</i> , 2014 , 740, 512-21	5.3	2
11	Hydrogen Sulfide Subchronic Treatment Improves Hypertension Induced by Traumatic Brain Injury in Rats through Vasopressor Sympathetic Outflow Inhibition. <i>Journal of Neurotrauma</i> , 2021 ,	5.4	2
10	Evidence that chronic administration of 17 β -oestradiol decreases the vasopressor responses to adrenergic system stimulation in streptozotocin-diabetic female rats. <i>Steroids</i> , 2014 , 83, 1-9	2.8	1
9	Pharmacological evidence that dopamine inhibits the cardioaccelerator sympathetic outflow via D ₂ -like receptors in pithed rats. <i>Journal of Pharmacological Sciences</i> , 2013 , 123, 380-91	3.7	1

8	Cardiovascular Responses to 5-hydroxytryptamine in Methimazole-induced Hypothyroid Pithed Rats. <i>Archives of Medical Research</i> , 2020 , 51, 310-316	6.6	1
7	Fenofibrate Protects Cardiomyocytes from Hypoxia/Reperfusion- and High Glucose-Induced Detrimental Effects. <i>PPAR Research</i> , 2021 , 2021, 8895376	4.3	1
6	Potential vascular β -adrenoceptor blocking properties of metformin in rat aorta and tail artery. <i>European Journal of Pharmacology</i> , 2019 , 858, 172498	5.3	0
5	Sex-dependent antiallodynic effect of β -adrenergic receptor agonist tizanidine in rats with experimental neuropathic pain.. <i>European Journal of Pharmacology</i> , 2022 , 174855	5.3	0
4	Blocking properties of terguride at the 5-HT receptor subtypes mediating cardiovascular responses in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020 , 98, 511-521	2.4	
3	Pharmacological profile of the prejunctional 5-HT ₁ receptors mediating inhibition of sympathetic vasopressor outflow in the pithed rat. <i>Annals of the New York Academy of Sciences</i> , 1998 , 861, 281-2	6.5	
2	Bladder Enlargement Correlates with Plasma Insulin, Not Glucose Levels in Fructose-Fed Rats. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
1	Pharmacological characterization of β -adrenoceptor subtypes mediating inhibition of sympathetic vasopressor responses to B-HT 933 in pithed rats. <i>FASEB Journal</i> , 2013 , 27, lb605	0.9	