C Robin Hiley

List of Publications by Year
in descending order

97	4,883	109264	95218
papers	citations	35 h-index	68 g-index

97	97	97	3053
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endothelial Nitric Oxide Suppresses Action-Potential-Like Transient Spikes and Vasospasm in Small Resistance Arteries. Hypertension, 2020, 76, 785-794.	1.3	12
2	Characterization of Calcium Signals Provoked by Lysophosphatidylinositol in Human Microvascular Endothelial Cells. Physiological Research, 2016, 65, 53-62.	0.4	6
3	The <scp>GPR</scp>55 agonist lysophosphatidylinositol relaxes rat mesenteric resistance artery and induces Ca²⁺ release in rat mesenteric artery endothelial cells. British Journal of Pharmacology, 2015, 172, 3043-3057.	2.7	29
4	Mechanisms of vasorelaxation induced by the cannabidiol analogue compound O-1602 in the rat small mesenteric artery. European Journal of Pharmacology, 2015, 765, 107-114.	1.7	12
5	Mechanisms of vasorelaxation induced by oleoylethanolamide in the rat small mesenteric artery. European Journal of Pharmacology, 2013, 702, 1-11.	1.7	20
6	Effects of phenobarbitone and 6-methylprednisolone pretreatment on pressure/flow relations in the superior mesenteric and iliac arterial beds of the rat. Journal of Pharmacy and Pharmacology, 2011, 37, 164-169.	1.2	7
7	Effects of some hepatomegalic agents on liver DNA content: relationship to changes in liver blood flow. Journal of Pharmacy and Pharmacology, 2011, 35, 191-194.	1.2	2
8	Identification of adrenoceptors and dopamine receptors mediating vascular responses in the superior mesenteric arterial bed of the rat. Journal of Pharmacy and Pharmacology, 2011, 37, 110-115.	1.2	26
9	Cardiovascular effects of intracerebro-ventricular bradykinin and melittin in the rat. Journal of Pharmacy and Pharmacology, 2011, 40, 721-723.	1.2	17
10	Haemodynamic effects of systemic administration of clonidine in the anaesthetized spontaneously hypertensive rat. Journal of Pharmacy and Pharmacology, 2011, 31, 483-485.	1.2	3
11	EDHF: spreading the influence of the endothelium. British Journal of Pharmacology, 2011, 164, 839-852.	2.7	158
12	Vasorelaxant activities of the putative endocannabinoid virodhamine in rat isolated small mesenteric artery. Journal of Pharmacy and Pharmacology, 2010, 56, 869-875.	1.2	35
13	A mitochondria-targeted S -nitrosothiol modulates respiration, nitrosates thiols, and protects against ischemia-reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10764-10769.	3.3	205
14	Chapter 5 Is GPR55 an Anandamide Receptor?. Vitamins and Hormones, 2009, 81, 111-137.	0.7	27
15	Endocannabinoids and the Heart. Journal of Cardiovascular Pharmacology, 2009, 53, 267-276.	0.8	68
16	GPR55 and the vascular receptors for cannabinoids. British Journal of Pharmacology, 2007, 152, 559-561.	2.7	35
17	Vascular pharmacology of a novel cannabinoidâ€like compound, 3â€(5â€dimethylcarbamoylâ€pentâ€1â€enyl)â€Nâ€(2â€hydroxyâ€1â€methylâ€ethyl)benzamide (VSN16) in the rat. British Journal of Pharmacology, 2007, 152, 751-764.	2.7	21
18	Oleamide: A Fatty Acid Amide Signaling Molecule in the Cardiovascular System?. Cardiovascular Drug Reviews, 2007, 25, 46-60.	4.4	60

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19	In silico patent searching reveals a new cannabinoid receptor. Trends in Pharmacological Sciences, 2006, 27, 1-4.	4.0	302
20	Vasorelaxant effects of oleamide in rat small mesenteric artery indicate action at a novel cannabinoid receptor. British Journal of Pharmacology, 2006, 147, 560-568.	2.7	47
21	Anandamide reduces infarct size in rat isolated hearts subjected to ischaemia-reperfusion by a novel cannabinoid mechanism. British Journal of Pharmacology, 2005, 146, 809-816.	2.7	59
22	Cannabinoid pharmacology in the cardiovascular system: potential protective mechanisms through lipid signalling. Biological Reviews, 2004, 79, 187-205.	4.7	58
23	Endocannabinoids as mediators in the heart: a potential target for therapy of remodelling after myocardial infarction?. British Journal of Pharmacology, 2003, 138, 1183-1184.	2.7	13
24	Vasodilator actions of abnormal-cannabidiol in rat isolated small mesenteric artery. British Journal of Pharmacology, 2003, 138, 1320-1332.	2.7	74
25	Endothelium-dependent relaxation and endothelial hyperpolarization by P2Y receptor agonists in rat-isolated mesenteric artery. British Journal of Pharmacology, 2003, 139, 661-671.	2.7	14
26	Endothelium-independent relaxation to cannabinoids in rat-isolated mesenteric artery and role of Ca2+ influx. British Journal of Pharmacology, 2003, 139, 585-597.	2.7	44
27	Evidence of a novel site mediating anandamide-induced negative inotropic and coronary vasodilatator responses in rat isolated hearts. British Journal of Pharmacology, 2002, 135, 1191-1198.	2.7	94
28	Effect of the Blood Substitute Diaspirin Crosslinked Hemoglobin in Rat Mesenteric and Human Radial Collateral Arteries. Journal of Cardiovascular Pharmacology, 2001, 37, 394-405.	0.8	8
29	Angiotensin II reduces infarct size and has no effect on post-ischaemic contractile dysfunction in isolated rat hearts. British Journal of Pharmacology, 2001, 134, 38-45.	2.7	18
30	Mechanisms of anandamide-induced vasorelaxation in rat isolated coronary arteries. British Journal of Pharmacology, 2001, 134, 921-929.	2.7	107
31	Human urotensin-II is an endothelium-dependent vasodilator in rat small arteries. British Journal of Pharmacology, 2000, 130, 1865-1870.	2.7	156
32	Hyperpolarisation of rat mesenteric endothelial cells by ATP-sensitive K+ channel openers. European Journal of Pharmacology, 2000, 397, 279-290.	1.7	29
33	Interaction of cyclic AMP modulating agents with levcromakalim in the relaxation of rat isolated mesenteric artery. European Journal of Pharmacology, 2000, 401, 85-96.	1.7	5
34	Quantification of the repair process involved in the repair of a cell monolayer using an in vitro model of mechanical injury. Angiogenesis, 1998, 2, 67-80.	3.7	33
35	Modulation of relaxation to levcromakalim by s -nitroso-n -acetylpenicillamine (SNAP) and 8-bromo cyclic GMP in the rat isolated mesenteric artery. British Journal of Pharmacology, 1998, 124, 1219-1226.	2.7	8
36	The actions of some cannabinoid receptor ligands in the rat isolated mesenteric artery. British Journal of Pharmacology, 1998, 125, 533-541.	2.7	72

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37	The actions of the cannabinoid receptor antagonist, SR 141716A, in the rat isolated mesenteric artery. British Journal of Pharmacology, 1998, 125, 689-696.	2.7	65
38	Effects of K+ channel openers on relaxations to nitric oxide and endothelium-derived hyperpolarizing factor in rat mesenteric artery. European Journal of Pharmacology, 1998, 357, 41-51.	1.7	16
39	Endothelium and cannabinoid receptor involvement in levcromakalim vasorelaxation. European Journal of Pharmacology, 1997, 339, 157-160.	1.7	20
40	Characterization and modulation of EDHF-mediated relaxations in the rat isolated superior mesenteric arterial bed. British Journal of Pharmacology, 1997, 120, 1431-1438.	2.7	121
41	A comparison of EDHF-mediated and anandamide-induced relaxations in the rat isolated mesenteric artery. British Journal of Pharmacology, 1997, 122, 1573-1584.	2.7	133
42	Comparative studies of the angiogenic activity of vasoactive intestinal peptide, endothelinsâ€1 and â^3 and angiotensin II in a rat sponge model. British Journal of Pharmacology, 1996, 117, 545-551.	2.7	57
43	Effects of pH on responses to adenosine, CGS 21680, carbachol and nitroprusside in the isolated perfused superior mesenteric arterial bed of the rat. British Journal of Pharmacology, 1995, 116, 2641-2646.	2.7	31
44	Correlation of 133Xe clearance, blood flow and histology in the rat sponge model for angiogenesis. Further studies with angiogenic modifiers. Laboratory Investigation, 1995, 72, 601-10.	1.7	20
45	Endothelin-3-Mediated Proliferation in Wounded Human Umbilical Vein Endothelial Cells. Biochemical and Biophysical Research Communications, 1993, 196, 369-375.	1.0	30
46	BQ-123, cyclo(-D-Trp-D-Asp-Pro-D-Val-Leu), is a non-competitive antagonist of the actions of endothelin-1 in SK-N-MC human neuroblastoma cells. Biochemical and Biophysical Research Communications, 1992, 184, 504-510.	1.0	47
47	Autoradiographic visualization and characteristics of [125I]bradykinin binding sites in guinea pig brain. Brain Research, 1992, 577, 73-79.	1.1	40
48	Development and Validation of a Sponge Model for Quantitative Studies on Angiogenesis. , 1992, , 317-332.		5
49	Endothelial modulation and changes in endothelin pressor activity during hypoxia in the rat isolated perfused superior mesenteric arterial bed. British Journal of Pharmacology, 1991, 103, 1441-1448.	2.7	21
50	Endotheliumâ€dependent mesenteric vasorelaxant effects and systemic actions of endothelin (16â€“21) and other endothelinâ€related peptides in the rat. British Journal of Pharmacology, 1991, 104, 311-320.	2.7	34
51	Responses to endothelin-1, human proendothelin (1â€“38) and porcine proendothelin (1â€“39) in the rat on intravenous administration and in the blood perfused mesentery. Neurochemistry International, 1991, 18, 445-454.	1.9	18
52	Endothelin Receptor Heterogeneity; Structure Activity, Autoradiographic and Functional Studies. Journal of Receptors and Signal Transduction, 1991, 11, 299-310.	1.2	22
53	Effect of destruction of the vascular endothelium upon pressure/flow relations and endothelium-dependent vasodilatation in resistance beds of spontaneously hypertensive rats. Clinical Science, 1991, 80, 463-469.	1.8	14
54	High-affinity bradykinin B2 binding sites sensitive to guanine nucleotides in bovine aortic endothelial cells. European Journal of Pharmacology, 1991, 207, 149-155.	2.7	17

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55	Characteristics of endothelin-1 and endothelin-3 stimulation of phosphoinositide breakdown differ between regions of guinea-pig and rat brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 1990, 341, 268-71.	1.4	33
56	Effects of Endothelin and of Some Endothelin Analogues on Isolated Smooth Muscle Preparations. , 1990, , 88-97.		1
57	Endotheliumâ€dependent vascular activities of endothelinâ€like peptides in the isolated superior mesenteric arterial bed of the rat. British Journal of Pharmacology, 1990, 101, 81-88.	2.7	54
58	Binding of [¹²⁵I]â€endothelinâ€1 to rat cerebellar homogenates and its interactions with some analogues. British Journal of Pharmacology, 1990, 101, 319-324.	2.7	50
59	Effect of neuropeptide Y on cardiac output, its distribution, regional blood flow and organ vascular resistances in the pithed rat. British Journal of Pharmacology, 1990, 99, 340-342.	2.7	22
60	Pressor Effects of Endothelin-1 and Some Analogs in the Perfused Superior Mesenteric Arterial Bed of the Rat. Journal of Cardiovascular Pharmacology, 1989, 13, S197-199.	0.8	19
61	Autoradiographic visualization of the binding sites for [125I]endothelin in rat and human brain. Neuroscience Letters, 1989, 97, 276-279.	1.0	242
62	Functional studies on endothelin catch up with molecular biology. Trends in Pharmacological Sciences, 1989, 10, 47-49.	4.0	24
63	Autoradiographic localisation of endothelin binding sites in kidney. European Journal of Pharmacology, 1989, 163, 379-382.	1.7	55
64	Pressor effects of the Î±₂â€adrenoceptor agonist Bâ€HT 933 in anaesthetized and haemorrhagic rats: comparison with the haemodynamic effects of amidephrine. British Journal of Pharmacology, 1989, 97, 419-432.	2.7	4
65	Vascular activities of endothelinâ€1 and some alanyl substituted analogues in resistance beds of the rat. British Journal of Pharmacology, 1989, 98, 685-699.	2.7	93
66	Effects of moderate hypoxia, hypercapnia and acidosis on haemodynamic changes induced by endothelinâ€1 in the pithed rat. British Journal of Pharmacology, 1989, 98, 1055-1065.	2.7	41
67	Effect of artificial respiratory volume on the cardiovascular responses to an Î±₁â€and an Î±₂â€adrenoceptor agonist in the airâ€ventilated pithed rat. British Journal of Pharmacology, 1988, 93, 781-790.	2.7	20
68	Effects of enalapril on changes in cardiac output and organ vascular resistances induced by Î±₁â€and Î±₂â€adrenoceptor agonists in pithed normotensive rats. British Journal of Pharmacology, 1988, 94, 449-462.	2.7	12
69	Effect of phenobarbitone pretreatment upon endotheliumâ€dependent relaxation to acetylcholine in rat superior mesenteric arterial bed. British Journal of Pharmacology, 1988, 94, 977-983.	2.7	26
70	Endotheliumâ€dependent modulation of the pressor activity of arginine vasopressin in the isolated superior mesenteric arterial bed of the rat. British Journal of Pharmacology, 1988, 95, 646-652.	2.7	30
71	Detergent and methylene blue affect endotheliumâ€dependent vasorelaxation and pressure/flow relations in rat blood perfused mesenteric arterial bed. British Journal of Pharmacology, 1988, 95, 1081-1088.	2.7	33
72	Effects of Î±â€adrenoceptor agonists on cardiac output and its regional distribution in the pithed rat. British Journal of Pharmacology, 1987, 90, 61-70.	2.7	23

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73	Comparison of the effects of intravenous and intrasplenic infusions of glucagon on cardiac output and its distribution in the rat. Naunyn-Schmiedeberg's Archives of Pharmacology, 1987, 335, 344-50.	1.4	1
74	Interactions between noradrenaline and Î±₂â€adrenoceptor agonists in the superior mesenteric arterial bed of the rat. British Journal of Pharmacology, 1986, 89, 779-785.	2.7	7
75	Lack of effect of several barbiturates on liver blood flow. Biochemical Pharmacology, 1985, 34, 3776-3778.	2.0	2
76	Effects of chemical sympathectomy with 6-hydroxydopamine on cardiac output and its distribution in the rat. European Journal of Pharmacology, 1985, 109, 263-268.	1.7	26
77	Short term reductions in cerebral muscarinic receptor concentration of the mouse after in vivo administration of cycloheximide. Biochemical Pharmacology, 1984, 33, 1605-1610.	2.0	6
78	Comparison of the effects of the hypolipidaemic agents ICI 53072 and clofibrate with those of phenobarbitone on liver size, blood flow and DNA content in the rat. British Journal of Pharmacology, 1983, 78, 533-541.	2.7	13
79	Extended mepyramine treatment and histamine H1-receptors in guinea-pig brain. European Journal of Pharmacology, 1981, 71, 421-428.	1.7	12
80	Alterations in Liver Blood Flow during Glycerol-Induced Acute Renal Failure in the Rat. Nephron, 1980, 26, 244-248.	0.9	24
81	Distribution of cardiac output in different models of hypertension in the conscious rat. Pflugers Archiv European Journal of Physiology, 1979, 379, 219-222.	1.3	12
82	The effect of age on cardiac output and its distribution in the rat. Experientia, 1979, 35, 78-79.	1.2	28
83	The effect of rifampicin on liver blood flow, microsomal enzyme activity and bile flow in the rat. Biochemical Pharmacology, 1979, 28, 1293-1296.	2.0	10
84	Phenobarbitone effects on hepatic microsomal enzymes and liver blood flow in the guinea pig. Biochemical Pharmacology, 1979, 28, 2856-2857.	2.0	11
85	Effects of phenobarbitone on hepatic microsomal enzyme activity and liver blood flow in spontaneously hypertensive rats. Life Sciences, 1979, 24, 535-540.	2.0	5
86	The effect of urethane and pentobarbital anaesthesia and hepatic portal vein catheterization on liver blood flow in the rat. Experientia, 1978, 34, 1061-1062.	1.2	17
87	Differential effects of hepatic microsomal enzyme inducing agents on liver blood flow. Biochemical Pharmacology, 1978, 27, 2617-2621.	2.0	38
88	The Distribution of Cardiac Output in the Anaesthetized Spontaneously Hypertensive Rat. Clinical Science, 1978, 55, 317-320.	1.8	8
89	NEOCORTICAL CHOLINERGIC NEURONS IN ELDERLY PEOPLE. Lancet, The, 1977, 309, 668-671.	6.3	440
90	The effects of four general anaesthetic agents on the regional distribution of cardiac output in the rat [proceedings]. British Journal of Pharmacology, 1977, 61, 126P-127P.	2.7	10

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91	Anti-dopaminergic and anti-muscarinic effects of dibenzodiazepines. Naunyn-Schmiedeberg's Archives of Pharmacology, 1976, 292, 289-293.	1.4	24
92	Binding of agonists and antagonists to muscarinic receptors. Journal of Supramolecular Structure, 1976, 4, 367-371.	2.3	63
93	Anti-muscarinic properties of neuroleptics and drug-induced Parkinsonism. Nature, 1974, 248, 596-597.	13.7	393
94	THE DISTRIBUTION OF MUSCARINIC RECEPTOR SITES IN THE NERVOUS SYSTEM OF THE DOG. Journal of Neurochemistry, 1974, 22, 159-162.	2.1	71
95	Decreased muscarinic receptor concentration in post-mortem brain in Huntington's chorea. Brain Research, 1974, 80, 355-358.	1.1	61
96	THE BINDING OF [³H]â€PROPYLBENZILYLCHOLINE MUSTARD BY LONGITUDINAL MUSCLE STRIPS FROM GUINEAâ€PIG SMALL INTESTINE. British Journal of Pharmacology, 1974, 50, 145-151.	2.7	118
97	THE PROPERTIES OF MUSCARINIC RECEPTORS IN MAMMALIAN CEREBRAL CORTEX. British Journal of Pharmacology, 1974, 51, 279-285.	2.7	106