

C Robin Hiley

List of Publications by Year in descending order

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97
papers

4,883
citations

109321

35
h-index

95266

68
g-index

97
all docs

97
docs citations

97
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	NEOCORTICAL CHOLINERGIC NEURONS IN ELDERLY PEOPLE. <i>Lancet, The</i> , 1977, 309, 668-671.	13.7	440
2	Anti-muscarinic properties of neuroleptics and drug-induced Parkinsonism. <i>Nature</i> , 1974, 248, 596-597.	27.8	393
3	In silico patent searching reveals a new cannabinoid receptor. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 1-4.	8.7	302
4	Autoradiographic visualization of the binding sites for [125I]endothelin in rat and human brain. <i>Neuroscience Letters</i> , 1989, 97, 276-279.	2.1	242
5	A mitochondria-targeted <i>S</i> -nitrosothiol modulates respiration, nitrosates thiols, and protects against ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10764-10769.	7.1	205
6	EDHF: spreading the influence of the endothelium. <i>British Journal of Pharmacology</i> , 2011, 164, 839-852.	5.4	158
7	Human urotensin-II is an endothelium-dependent vasodilator in rat small arteries. <i>British Journal of Pharmacology</i> , 2000, 130, 1865-1870.	5.4	156
8	A comparison of EDHF-mediated and anandamide-induced relaxations in the rat isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 1997, 122, 1573-1584.	5.4	133
9	Characterization and modulation of EDHF-mediated relaxations in the rat isolated superior mesenteric arterial bed. <i>British Journal of Pharmacology</i> , 1997, 120, 1431-1438.	5.4	121
10	THE BINDING OF [³ H]-PROPYLBENZYLCHOLINE MUSTARD BY LONGITUDINAL MUSCLE STRIPS FROM GUINEA PIG SMALL INTESTINE. <i>British Journal of Pharmacology</i> , 1974, 50, 145-151.	5.4	118
11	Mechanisms of anandamide-induced vasorelaxation in rat isolated coronary arteries. <i>British Journal of Pharmacology</i> , 2001, 134, 921-929.	5.4	107
12	THE PROPERTIES OF MUSCARINIC RECEPTORS IN MAMMALIAN CEREBRAL CORTEX. <i>British Journal of Pharmacology</i> , 1974, 51, 279-285.	5.4	106
13	Evidence of a novel site mediating anandamide-induced negative inotropic and coronary vasodilator responses in rat isolated hearts. <i>British Journal of Pharmacology</i> , 2002, 135, 1191-1198.	5.4	94
14	Vascular activities of endothelin-1 and some alanyl substituted analogues in resistance beds of the rat. <i>British Journal of Pharmacology</i> , 1989, 98, 685-699.	5.4	93
15	Vasodilator actions of abnormal cannabidiol in rat isolated small mesenteric artery. <i>British Journal of Pharmacology</i> , 2003, 138, 1320-1332.	5.4	74
16	The actions of some cannabinoid receptor ligands in the rat isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 1998, 125, 533-541.	5.4	72
17	THE DISTRIBUTION OF MUSCARINIC RECEPTOR SITES IN THE NERVOUS SYSTEM OF THE DOG. <i>Journal of Neurochemistry</i> , 1974, 22, 159-162.	3.9	71
18	Endocannabinoids and the Heart. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 267-276.	1.9	68

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19	The actions of the cannabinoid receptor antagonist, SR 141716A, in the rat isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 1998, 125, 689-696.	5.4	65
20	Binding of agonists and antagonists to muscarinic receptors. <i>Journal of Supramolecular Structure</i> , 1976, 4, 367-371.	2.3	63
21	Decreased muscarinic receptor concentration in post-mortem brain in Huntington's chorea. <i>Brain Research</i> , 1974, 80, 355-358.	2.2	61
22	Oleamide: A Fatty Acid Amide Signaling Molecule in the Cardiovascular System?. <i>Cardiovascular Drug Reviews</i> , 2007, 25, 46-60.	4.1	60
23	Anandamide reduces infarct size in rat isolated hearts subjected to ischaemia-reperfusion by a novel cannabinoid mechanism. <i>British Journal of Pharmacology</i> , 2005, 146, 809-816.	5.4	59
24	Cannabinoid pharmacology in the cardiovascular system: potential protective mechanisms through lipid signalling. <i>Biological Reviews</i> , 2004, 79, 187-205.	10.4	58
25	Comparative studies of the angiogenic activity of vasoactive intestinal peptide, endothelin-1 and α^3 and angiotensin II in a rat sponge model. <i>British Journal of Pharmacology</i> , 1996, 117, 545-551.	5.4	57
26	Autoradiographic localisation of endothelin binding sites in kidney. <i>European Journal of Pharmacology</i> , 1989, 163, 379-382.	3.5	55
27	Endothelium-dependent vascular activities of endothelin-like peptides in the isolated superior mesenteric arterial bed of the rat. <i>British Journal of Pharmacology</i> , 1990, 101, 81-88.	5.4	54
28	Binding of [¹²⁵ I]-endothelin-1 to rat cerebellar homogenates and its interactions with some analogues. <i>British Journal of Pharmacology</i> , 1990, 101, 319-324.	5.4	50
29	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. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 504-510.	2.1	47
30	Vasorelaxant effects of oleamide in rat small mesenteric artery indicate action at a novel cannabinoid receptor. <i>British Journal of Pharmacology</i> , 2006, 147, 560-568.	5.4	47
31	Endothelium-independent relaxation to cannabinoids in rat-isolated mesenteric artery and role of Ca ²⁺ influx. <i>British Journal of Pharmacology</i> , 2003, 139, 585-597.	5.4	44
32	Effects of moderate hypoxia, hypercapnia and acidosis on haemodynamic changes induced by endothelin-1 in the pithed rat. <i>British Journal of Pharmacology</i> , 1989, 98, 1055-1065.	5.4	41
33	Autoradiographic visualization and characteristics of [¹²⁵ I]bradykinin binding sites in guinea pig brain. <i>Brain Research</i> , 1992, 577, 73-79.	2.2	40
34	Differential effects of hepatic microsomal enzyme inducing agents on liver blood flow. <i>Biochemical Pharmacology</i> , 1978, 27, 2617-2621.	4.4	38
35	GPR55 and the vascular receptors for cannabinoids. <i>British Journal of Pharmacology</i> , 2007, 152, 559-561.	5.4	35
36	Vasorelaxant activities of the putative endocannabinoid virodhamine in rat isolated small mesenteric artery. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 869-875.	2.4	35

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37	Endotheliumâ€dependent mesenteric vasorelaxant effects and systemic actions of endothelin (16â€21) and other endothelinâ€related peptides in the rat. <i>British Journal of Pharmacology</i> , 1991, 104, 311-320.	5.4	34
38	Detergent and methylene blue affect endotheliumâ€dependent vasorelaxation and pressure/flow relations in rat blood perfused mesenteric arterial bed. <i>British Journal of Pharmacology</i> , 1988, 95, 1081-1088.	5.4	33
39	Characteristics of endothelin-1 and endothelin-3 stimulation of phosphoinositide breakdown differ between regions of guinea-pig and rat brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1990, 341, 268-71.	3.0	33
40	Quantification of the repair process involved in the repair of a cell monolayer using an in vitro model of mechanical injury. <i>Angiogenesis</i> , 1998, 2, 67-80.	7.2	33
41	Effects of pH on responses to adenosine, CGS 21680, carbachol and nitroprusside in the isolated perfused superior mesenteric arterial bed of the rat. <i>British Journal of Pharmacology</i> , 1995, 116, 2641-2646.	5.4	31
42	Endotheliumâ€dependent modulation of the pressor activity of arginine vasopressin in the isolated superior mesenteric arterial bed of the rat. <i>British Journal of Pharmacology</i> , 1988, 95, 646-652.	5.4	30
43	Endothelin-3-Mediated Proliferation in Wounded Human Umbilical Vein Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1993, 196, 369-375.	2.1	30
44	Hyperpolarisation of rat mesenteric endothelial cells by ATP-sensitive K ⁺ channel openers. <i>European Journal of Pharmacology</i> , 2000, 397, 279-290.	3.5	29
45	The <sc>GPR</sc>55 agonist lysophosphatidylinositol relaxes rat mesenteric resistance artery and induces Ca ²⁺ release in rat mesenteric artery endothelial cells. <i>British Journal of Pharmacology</i> , 2015, 172, 3043-3057.	5.4	29
46	The effect of age on cardiac output and its distribution in the rat. <i>Experientia</i> , 1979, 35, 78-79.	1.2	28
47	Chapter 5 Is GPR55 an Anandamide Receptor?. <i>Vitamins and Hormones</i> , 2009, 81, 111-137.	1.7	27
48	Effects of chemical sympathectomy with 6-hydroxydopamine on cardiac output and its distribution in the rat. <i>European Journal of Pharmacology</i> , 1985, 109, 263-268.	3.5	26
49	Effect of phenobarbitone pretreatment upon endotheliumâ€dependent relaxation to acetylcholine in rat superior mesenteric arterial bed. <i>British Journal of Pharmacology</i> , 1988, 94, 977-983.	5.4	26
50	Identification of adrenoceptors and dopamine receptors mediating vascular responses in the superior mesenteric arterial bed of the rat. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 37, 110-115.	2.4	26
51	Anti-dopaminergic and anti-muscarinic effects of dibenzodiazepines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1976, 292, 289-293.	3.0	24
52	Alterations in Liver Blood Flow during Glycerol-Induced Acute Renal Failure in the Rat. <i>Nephron</i> , 1980, 26, 244-248.	1.8	24
53	Functional studies on endothelin catch up with molecular biology. <i>Trends in Pharmacological Sciences</i> , 1989, 10, 47-49.	8.7	24
54	Effects of α -adrenoceptor agonists on cardiac output and its regional distribution in the pithed rat. <i>British Journal of Pharmacology</i> , 1987, 90, 61-70.	5.4	23

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55	Effect of neuropeptide Y on cardiac output, its distribution, regional blood flow and organ vascular resistances in the pithed rat. <i>British Journal of Pharmacology</i> , 1990, 99, 340-342.	5.4	22
56	Endothelin Receptor Heterogeneity; Structure Activity, Autoradiographic and Functional Studies. <i>Journal of Receptors and Signal Transduction</i> , 1991, 11, 299-310.	1.2	22
57	Endothelial modulation and changes in endothelin pressor activity during hypoxia in the rat isolated perfused superior mesenteric arterial bed. <i>British Journal of Pharmacology</i> , 1991, 103, 1441-1448.	5.4	21
58	Vascular pharmacology of a novel cannabinoid-like compound, 3-(5-(dimethylcarbamoyl)pent-1-enyl)-N-(2-hydroxy-1-methyl-ethyl)benzamide (VSN16) in the rat. <i>British Journal of Pharmacology</i> , 2007, 152, 751-764.	5.4	21
59	Effect of artificial respiratory volume on the cardiovascular responses to an $\hat{\pm} ₁$ and an $\hat{\pm} ₂$ adrenoceptor agonist in the air-ventilated pithed rat. <i>British Journal of Pharmacology</i> , 1988, 93, 781-790.	5.4	20
60	Endothelium and cannabinoid receptor involvement in levromakalim vasorelaxation. <i>European Journal of Pharmacology</i> , 1997, 339, 157-160.	3.5	20
61	Mechanisms of vasorelaxation induced by oleylethanolamide in the rat small mesenteric artery. <i>European Journal of Pharmacology</i> , 2013, 702, 1-11.	3.5	20
62	Correlation of ^{133}Xe clearance, blood flow and histology in the rat sponge model for angiogenesis. Further studies with angiogenic modifiers. <i>Laboratory Investigation</i> , 1995, 72, 601-10.	3.7	20
63	Pressor Effects of Endothelin-1 and Some Analogs in the Perfused Superior Mesenteric Arterial Bed of the Rat. <i>Journal of Cardiovascular Pharmacology</i> , 1989, 13, S197-199.	1.9	19
64	Responses to endothelin-1, human proendothelin ($1\hat{\mu}\text{M}$) and porcine proendothelin ($1\hat{\mu}\text{M}$) in the rat on intravenous administration and in the blood perfused mesentery. <i>Neurochemistry International</i> , 1991, 18, 445-454.	3.8	18
65	Angiotensin II reduces infarct size and has no effect on post-ischaemic contractile dysfunction in isolated rat hearts. <i>British Journal of Pharmacology</i> , 2001, 134, 38-45.	5.4	18
66	The effect of urethane and pentobarbital anaesthesia and hepatic portal vein catheterization on liver blood flow in the rat. <i>Experientia</i> , 1978, 34, 1061-1062.	1.2	17
67	High-affinity bradykinin B2 binding sites sensitive to guanine nucleotides in bovine aortic endothelial cells. <i>European Journal of Pharmacology</i> , 1991, 207, 149-155.	2.6	17
68	Cardiovascular effects of intracerebro-ventricular bradykinin and melittin in the rat. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 40, 721-723.	2.4	17
69	Effects of K ⁺ channel openers on relaxations to nitric oxide and endothelium-derived hyperpolarizing factor in rat mesenteric artery. <i>European Journal of Pharmacology</i> , 1998, 357, 41-51.	3.5	16
70	Effect of destruction of the vascular endothelium upon pressure/flow relations and endothelium-dependent vasodilatation in resistance beds of spontaneously hypertensive rats. <i>Clinical Science</i> , 1991, 80, 463-469.	4.3	14
71	Endothelium-dependent relaxation and endothelial hyperpolarization by P2Y receptor agonists in rat-isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 2003, 139, 661-671.	5.4	14
72	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. <i>British Journal of Pharmacology</i> , 1983, 78, 533-541.	5.4	13

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73	Endocannabinoids as mediators in the heart: a potential target for therapy of remodelling after myocardial infarction?. <i>British Journal of Pharmacology</i> , 2003, 138, 1183-1184.	5.4	13
74	Distribution of cardiac output in different models of hypertension in the conscious rat. <i>Pflugers Archiv European Journal of Physiology</i> , 1979, 379, 219-222.	2.8	12
75	Extended mepyramine treatment and histamine H1-receptors in guinea-pig brain. <i>European Journal of Pharmacology</i> , 1981, 71, 421-428.	3.5	12
76	Effects of enalapril on changes in cardiac output and organ vascular resistances induced by α_1 and α_2 -adrenoceptor agonists in pithed normotensive rats. <i>British Journal of Pharmacology</i> , 1988, 94, 449-462.	5.4	12
77	Mechanisms of vasorelaxation induced by the cannabidiol analogue compound O-1602 in the rat small mesenteric artery. <i>European Journal of Pharmacology</i> , 2015, 765, 107-114.	3.5	12
78	Endothelial Nitric Oxide Suppresses Action-Potential-Like Transient Spikes and Vasospasm in Small Resistance Arteries. <i>Hypertension</i> , 2020, 76, 785-794.	2.7	12
79	Phenobarbitone effects on hepatic microsomal enzymes and liver blood flow in the guinea pig. <i>Biochemical Pharmacology</i> , 1979, 28, 2856-2857.	4.4	11
80	The effect of rifampicin on liver blood flow, microsomal enzyme activity and bile flow in the rat. <i>Biochemical Pharmacology</i> , 1979, 28, 1293-1296.	4.4	10
81	The effects of four general anaesthetic agents on the regional distribution of cardiac output in the rat [proceedings]. <i>British Journal of Pharmacology</i> , 1977, 61, 126P-127P.	5.4	10
82	The Distribution of Cardiac Output in the Anaesthetized Spontaneously Hypertensive Rat. <i>Clinical Science</i> , 1978, 55, 317-320.	4.3	8
83	Modulation of relaxation to levcromakalim by s-nitroso-n-acetylpenicillamine (SNAP) and 8-bromo cyclic GMP in the rat isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 1998, 124, 1219-1226.	5.4	8
84	Effect of the Blood Substitute Diaspirin Crosslinked Hemoglobin in Rat Mesenteric and Human Radial Collateral Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 394-405.	1.9	8
85	Interactions between noradrenaline and α_2 -adrenoceptor agonists in the superior mesenteric arterial bed of the rat. <i>British Journal of Pharmacology</i> , 1986, 89, 779-785.	5.4	7
86	Effects of phenobarbitone and 6-methylprednisolone pretreatment on pressure/flow relations in the superior mesenteric and iliac arterial beds of the rat. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 37, 164-169.	2.4	7
87	Short term reductions in cerebral muscarinic receptor concentration of the mouse after in vivo administration of cycloheximide. <i>Biochemical Pharmacology</i> , 1984, 33, 1605-1610.	4.4	6
88	Characterization of Calcium Signals Provoked by Lysophosphatidylinositol in Human Microvascular Endothelial Cells. <i>Physiological Research</i> , 2016, 65, 53-62.	0.9	6
89	Effects of phenobarbitone on hepatic microsomal enzyme activity and liver blood flow in spontaneously hypertensive rats. <i>Life Sciences</i> , 1979, 24, 535-540.	4.3	5
90	Interaction of cyclic AMP modulating agents with levcromakalim in the relaxation of rat isolated mesenteric artery. <i>European Journal of Pharmacology</i> , 2000, 401, 85-96.	3.5	5

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91	Development and Validation of a Sponge Model for Quantitative Studies on Angiogenesis. , 1992, , 317-332.		5
92	Pressor effects of the α_2 -adrenoceptor agonist B-HT 933 in anaesthetized and haemorrhagic rats: comparison with the haemodynamic effects of amidephrine. British Journal of Pharmacology, 1989, 97, 419-432.	5.4	4
93	Haemodynamic effects of systemic administration of clonidine in the anaesthetized spontaneously hypertensive rat. Journal of Pharmacy and Pharmacology, 2011, 31, 483-485.	2.4	3
94	Lack of effect of several barbiturates on liver blood flow. Biochemical Pharmacology, 1985, 34, 3776-3778.	4.4	2
95	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.	2.4	2
96	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.	3.0	1
97	Effects of Endothelin and of Some Endothelin Analogues on Isolated Smooth Muscle Preparations. , 1990, , 88-97.		1