

# Charles H V Hoyle

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86  
papers

3,474  
citations

34  
h-index

57  
g-index

86  
ext. papers

3,583  
ext. citations

5.7  
avg, IF

4.83  
L-index

#	Paper	IF	Citations
86	Effects of aging on cholinergic neuromuscular transmission in isolated small intestine of ad libitum fed and calorically-restricted rats. <i>Neurogastroenterology and Motility</i> , <b>2012</b> , 24, 586-92	4	11
85	Evolution of neuronal signalling: transmitters and receptors. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2011</b> , 165, 28-53	2.4	24
84	Effects of diadenosine tetraphosphate on FGF9-induced chloride flux changes in achondroplastic chondrocytes. <i>Purinergic Signalling</i> , <b>2011</b> , 7, 243-9	3.8	8
83	Diadenosine tetraphosphate protects sympathetic terminals from 6-hydroxydopamine-induced degeneration in the eye. <i>Acta Physiologica</i> , <b>2010</b> , 199, 205-10	5.6	5
82	Identification of genes for the ghrelin and motilin receptors and a novel related gene in fish, and stimulation of intestinal motility in zebrafish ( <i>Danio rerio</i> ) by ghrelin and motilin. <i>General and Comparative Endocrinology</i> , <b>2008</b> , 155, 217-26	3	74
81	Dinucleoside polyphosphates in the eye: from physiology to therapeutics. <i>Progress in Retinal and Eye Research</i> , <b>2007</b> , 26, 674-87	20.5	36
80	Melatonin potentiates tear secretion induced by diadenosine tetraphosphate in the rabbit. <i>European Journal of Pharmacology</i> , <b>2006</b> , 552, 159-61	5.3	14
79	Potentialiation of uterine effects of prostaglandin F2{alpha} by adenosine 5-triphosphate. <i>Obstetrics and Gynecology</i> , <b>2005</b> , 105, 1429-36	4.9	9
78	Potentialiation of sympathetic neuromuscular transmission mediated by muscarinic receptors in guinea pig isolated vas deferens. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2005</b> , 371, 212-20	3.4	9
77	Nucleotides and dinucleotides in ocular physiology: New possibilities of nucleotides as therapeutic agents in the eye. <i>Drug Development Research</i> , <b>2003</b> , 59, 136-145	5.1	15
76	Ocular hypotensive effects of melatonin receptor agonists in the rabbit: further evidence for an MT3 receptor. <i>British Journal of Pharmacology</i> , <b>2003</b> , 138, 831-6	8.6	83
75	Analysis of pancreatic polypeptide cDNA from the house musk shrew, <i>Suncus murinus</i> , suggests a phylogenetically closer relationship with humans than for other small laboratory animal species. <i>Regulatory Peptides</i> , <b>2003</b> , 114, 137-44		13
74	Presence of diadenosine polyphosphates in the aqueous humor: their effect on intraocular pressure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 304, 342-8	4.7	58
73	Effects of testosterone on neuromuscular transmission in rat isolated urinary bladder. <i>European Journal of Pharmacology</i> , <b>2002</b> , 449, 301-9	5.3	35
72	Effects of diadenosine polyphosphates on tear secretion in New Zealand white rabbits. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 300, 291-7	4.7	64
71	Diadenosine polyphosphates as extracellular signal molecules. <i>Drug Development Research</i> , <b>2001</b> , 52, 260-273	5.1	57
70	Involvement of melatonin MT(3) receptors in the regulation of intraocular pressure in rabbits. <i>European Journal of Pharmacology</i> , <b>2001</b> , 416, 251-4	5.3	96

69	The development of the emetic reflex in the house musk shrew, <i>Suncus murinus</i> . <i>Developmental Brain Research</i> , <b>2000</b> , 121, 29-34		15
68	Neuromyogenic properties of the internal anal sphincter: therapeutic rationale for anal fissures. <i>Gut</i> , <b>2000</b> , 46, 861-8	19.2	45
67	The effects of cyclophosphamide on neurotransmission in the urinary bladder of <i>Suncus murinus</i> , the house musk shrew. <i>Journal of the Autonomic Nervous System</i> , <b>2000</b> , 80, 130-6		22
66	Neuropeptide families and their receptors: evolutionary perspectives. <i>Brain Research</i> , <b>1999</b> , 848, 1-25	3.7	187
65	Sodium nitroprusside enhances contractions of the guinea-pig isolated vas deferens. <i>Journal of Pharmacy and Pharmacology</i> , <b>1998</b> , 50, 205-9	4.8	5
64	Neuromuscular transmission and innervation in the urinary bladder of the insectivore <i>Suncus murinus</i> . <i>Journal of the Autonomic Nervous System</i> , <b>1998</b> , 69, 31-8		14
63	Neuropeptide families: evolutionary perspectives. <i>Regulatory Peptides</i> , <b>1998</b> , 73, 1-33		137
62	Heme oxygenase-2 and nitric oxide synthase in guinea-pig intracardiac neurones. <i>NeuroReport</i> , <b>1997</b> , 8, 1043-6	1.7	14
61	Antagonism of P2X receptors in guinea-pig vas deferens by diinosine pentaphosphate. <i>European Journal of Pharmacology</i> , <b>1997</b> , 333, R1-2	5.3	21
60	Immunohistochemical localisation of neuropeptides and nitric oxide synthase in sural nerves from Egyptian mummies. <i>Journal of the Autonomic Nervous System</i> , <b>1997</b> , 67, 105-8		4
59	Diadenosine polyphosphates evoke Ca <sup>2+</sup> transients in guinea-pig brain via receptors distinct from those for ATP. <i>Journal of Physiology</i> , <b>1997</b> , 504 ( Pt 2), 327-35	3.9	23
58	Diadenosine polyphosphates in the central nervous system. <i>Neuroscience Research Communications</i> , <b>1997</b> , 20, 69-78		17
57	The activation of P1- and P2-purinoceptors in the guinea-pig left atrium by diadenosine polyphosphates. <i>British Journal of Pharmacology</i> , <b>1996</b> , 118, 1294-300	8.6	43
56	Developmental changes in sympathetic contraction of the circular muscle layer in the guinea-pig vas deferens. <i>European Journal of Pharmacology</i> , <b>1996</b> , 318, 411-7	5.3	12
55	Enteric innervation in idiopathic megarectum and megacolon. <i>International Journal of Colorectal Disease</i> , <b>1996</b> , 11, 264-71	3	21
54	Effect of chronic vitamin E deficiency on sympathetic and sensorimotor function in rat mesenteric arteries. <i>Journal of Physiology</i> , <b>1996</b> , 490 ( Pt 1), 181-9	3.9	4
53	Purinergic cotransmission: parasympathetic and enteric nerves. <i>Seminars in Neuroscience</i> , <b>1996</b> , 8, 207-215		27
52	Acute paw oedema formation induced by ATP: re-evaluation of the mechanisms involved. <i>Inflammation Research</i> , <b>1996</b> , 45, 96-102	7.2	17

51	Pre- and postjunctional effects of diadenosine polyphosphates in the guinea-pig vas deferens. <i>Journal of Pharmacy and Pharmacology</i> , <b>1995</b> , 47, 926-31	4.8	15
50	Abnormal internal anal sphincter fibrosis and elasticity in fecal incontinence. <i>Diseases of the Colon and Rectum</i> , <b>1995</b> , 38, 407-10	3.1	34
49	Effects of alpha,beta-unsaturated sulphones and phosphonium salts on ecto-ATPase activity and contractile responses mediated via P2 chi-purinoceptors. <i>General Pharmacology</i> , <b>1995</b> , 26, 527-32		3
48	Inhibitory action of PPADS on relaxant responses to adenine nucleotides or electrical field stimulation in guinea-pig taenia coli and rat duodenum. <i>British Journal of Pharmacology</i> , <b>1995</b> , 115, 1509-17	8.6	70
47	Effects of divalent cations and La <sup>3+</sup> on contractility and ecto-ATPase activity in the guinea-pig urinary bladder. <i>British Journal of Pharmacology</i> , <b>1995</b> , 114, 632-9	8.6	16
46	Pivotal role of phosphate chain length in vasoconstrictor versus vasodilator actions of adenine dinucleotides in rat mesenteric arteries. <i>Journal of Physiology</i> , <b>1995</b> , 483 ( Pt 3), 703-13	3.9	80
45	Effects of vitamin E deficiency on autonomic neuroeffector mechanisms in the rat caecum, vas deferens and urinary bladder. <i>Journal of Physiology</i> , <b>1995</b> , 487 ( Pt 3), 773-86	3.9	5
44	Novel ATP Agonists Reveal Receptor Heterogeneity Within P2X and P2Y Subtypes <b>1995</b> , 149-156		4
43	Structure Activity Relationships for Derivatives of Adenosine-5'Triphosphate as Agonists at P(2) Purinoceptors: Heterogeneity Within P(2X) and P(2Y) Subtypes. <i>Drug Development Research</i> , <b>1994</b> , 31, 206-219	5.1	94
42	Ecto-enzymes and metabolism of extracellular ATP. <i>Drug Development Research</i> , <b>1994</b> , 32, 134-146	5.1	92
41	Selective antagonism by PPADS at P2X-purinoceptors in rabbit isolated blood vessels. <i>British Journal of Pharmacology</i> , <b>1994</b> , 111, 923-9	8.6	97
40	Effects of cyclopiazonic acid on contractility and ecto-ATPase activity in guinea-pig urinary bladder and vas deferens. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 669-74	8.6	31
39	PPADS selectively antagonizes P2X-purinoceptor-mediated responses in the rabbit urinary bladder. <i>British Journal of Pharmacology</i> , <b>1993</b> , 110, 1491-5	8.6	118
38	Identification of potent, selective P2Y-purinoceptor agonists: structure-activity relationships for 2-thioether derivatives of adenosine 5'Triphosphate. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 3937-46	8.3	107
37	Neuropeptides in the internal anal sphincter in neurogenic faecal incontinence. <i>International Journal of Colorectal Disease</i> , <b>1993</b> , 8, 201-5	3	3
36	An electrophysiological study of developmental changes in the innervation of the guinea-pig taenia coli. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1993</b> , 423, 427-33	4.6	17
35	Abnormalities of innervation of internal anal sphincter in fecal incontinence. <i>Digestive Diseases and Sciences</i> , <b>1993</b> , 38, 1961-9	4	9
34	Effects of long-term laxative treatment on neuropeptides in rat mesenteric vessels and caecum. <i>Journal of Pharmacy and Pharmacology</i> , <b>1992</b> , 44, 777-9	4.8	6

33	Decreased sensitivity of muscarinic but not 5-hydroxytryptamine receptors of the internal anal sphincter in neurogenic faecal incontinence. <i>British Journal of Surgery</i> , <b>1992</b> , 79, 829-32	5.3	8
32	Colocalization of nitric oxide synthase and NADPH-diaphorase in cultured myenteric neurones. <i>NeuroReport</i> , <b>1992</b> , 3, 333-6	1.7	92
31	Activation of P1- and P2Y-purinoceptors by ADP-ribose in the guinea-pig taenia coli, but not of P2X-purinoceptors in the vas deferens. <i>British Journal of Pharmacology</i> , <b>1992</b> , 107, 367-74	8.6	15
30	Colocalization of nitric oxide synthase and NADPH-diaphorase in the myenteric plexus of the rat gut. <i>Neuroscience Letters</i> , <b>1992</b> , 143, 60-4	3.3	186
29	Nitric oxide synthase immunoreactivity and NADPH-diaphorase activity in a subpopulation of intrinsic neurones of the guinea-pig heart. <i>Neuroscience Letters</i> , <b>1992</b> , 143, 65-8	3.3	108
28	An in vitro electrophysiological study of the colon from patients with idiopathic chronic constipation. <i>Clinical Autonomic Research</i> , <b>1992</b> , 2, 327-33	4.3	15
27	Quinacrine-staining of neurones, and activity of purine nucleosides and nucleotides in marine and terrestrial invertebrates from several phyla. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1992</b> , 102, 305-14		4
26	Responses of the rectum and oesophagus of the snail <i>Helix aspersa</i> to purine nucleotides and nucleosides. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1992</b> , 103, 535-40		1
25	Effects of adenine nucleosides and nucleotides on the isolated heart of the snail <i>Helix aspersa</i> and the slug <i>Arion ater</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1992</b> , 101, 175-81		2
24	Hereditary internal anal sphincter myopathy causing proctalgia fugax and constipation. A newly identified condition. <i>Gastroenterology</i> , <b>1991</b> , 100, 805-10	13.3	112
23	Adrenergic control of the internal anal sphincter is abnormal in patients with idiopathic faecal incontinence. <i>British Journal of Surgery</i> , <b>1990</b> , 77, 1342-4	5.3	38
22	Enkephalins modulate inhibitory neuromuscular transmission in circular muscle of human colon via delta-opioid receptors. <i>Journal of Physiology</i> , <b>1990</b> , 431, 465-78	3.9	34
21	Effects of long-term laxative treatment on rat mesenteric resistance vessel responses in vitro. <i>Gastroenterology</i> , <b>1990</b> , 99, 1352-7	13.3	7
20	Glibenclamide antagonises the responses to ATP, but not adenosine or adrenaline, in the gastric ligament of the starfish <i>Asterias rubens</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1990</b> , 97, 363-367		3
19	Pharmacological activity of adenine dinucleotides in the periphery: possible receptor classes and transmitter function. <i>General Pharmacology</i> , <b>1990</b> , 21, 827-31		73
18	Suramin antagonizes responses to P2-purinoceptor agonists and purinergic nerve stimulation in the guinea-pig urinary bladder and taenia coli. <i>British Journal of Pharmacology</i> , <b>1990</b> , 99, 617-21	8.6	288
17	Actions of adenylyl compounds in the pedal disc of the cnidarian <i>Actinia equina</i> . <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1989</b> , 94, 111-114		1
16	Isolated human bladder: evidence for an adenine dinucleotide acting on P2X-purinoceptors and for purinergic transmission. <i>European Journal of Pharmacology</i> , <b>1989</b> , 174, 115-8	5.3	87

15	Neuromuscular transmission in the gastrointestinal tract <b>1989</b> , 435-464		8
14	Actions of adenylyl compounds in invertebrates from several phyla: Evidence for internal purinoceptors. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , <b>1988</b> , 90, 113-122		7
13	Pre- and postjunctional actions of purine and xanthine compounds in the guinea-pig caecum circular muscle. <i>British Journal of Pharmacology</i> , <b>1988</b> , 95, 653-63	8.6	9
12	Degradation of adenosine by extracellular adenosine deaminase in the rat duodenum. <i>General Pharmacology</i> , <b>1988</b> , 19, 679-81		13
11	Adrenergic, but not cholinergic or purinergic, responses are potentiated in the cecum of diabetic rats. <i>Gastroenterology</i> , <b>1988</b> , 94, 1357-67	13.3	17
10	A modified single sucrose gap. Junction potentials and electrotonic potentials in gastrointestinal smooth muscles. <i>Journal of Pharmacological Methods</i> , <b>1987</b> , 18, 219-26		37
9	Autoradiographic localization of delta-opioid binding sites in human sigmoid colon. <i>European Journal of Pharmacology</i> , <b>1987</b> , 142, 185-6	5.3	7
8	Evidence that ATP is a neurotransmitter in the frog heart. <i>European Journal of Pharmacology</i> , <b>1986</b> , 124, 285-9	5.3	36
7	An electrophysiological analysis of the effect of reactive blue 2, a putative P2-purinoceptor antagonist, on inhibitory junction potentials of rat caecum. <i>European Journal of Pharmacology</i> , <b>1986</b> , 127, 197-204	5.3	51
6	Enkephalins inhibit non-adrenergic, non-cholinergic neuromuscular transmission in the human colon. <i>European Journal of Pharmacology</i> , <b>1986</b> , 131, 159-60	5.3	23
5	Ethylcholine mustard aziridinium ion (AF64A) impairs cholinergic neuromuscular transmission in the guinea-pig ileum and urinary bladder, and cholinergic neuromodulation in the enteric nervous system of the guinea-pig distal colon. <i>General Pharmacology</i> , <b>1986</b> , 17, 543-8		7
4	PACPX--a substituted xanthine--antagonizes both the A1 and A2 subclasses of the P1-purinoceptor: antagonism of the A2 subclass is competitive but antagonism of the A1 subclass is not. <i>British Journal of Pharmacology</i> , <b>1985</b> , 85, 291-6	8.6	18
3	Actions of adenine dinucleotides in the guinea-pig taenia coli: NAD acts indirectly on P1-purinoceptors; NADP acts like a P2-purinoceptor agonist. <i>British Journal of Pharmacology</i> , <b>1985</b> , 84, 825-31	8.6	28
2	Atropine-resistant excitatory junction potentials in rabbit bladder are blocked by alpha,beta-methylene ATP. <i>European Journal of Pharmacology</i> , <b>1985</b> , 114, 239-40	5.3	63
1	Evidence that the P1-purinoceptor in the guinea-pig taenia coli is an A2-subtype. <i>British Journal of Pharmacology</i> , <b>1984</b> , 81, 533-41	8.6	36