

# Alan L Hudson

## List of Publications by Year in descending order

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67  
papers

2,268  
citations

331259

21  
h-index

214527

47  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imidazoline Receptor System: The Past, the Present, and the Future. <i>Pharmacological Reviews</i> , 2020, 72, 50-79.	7.1	71
2	1-[(Imidazolidin-2-yl)imino]indoles as new hypotensive agents: synthesis and <i>in vitro</i> and <i>in vivo</i> biological studies. <i>Chemical Biology and Drug Design</i> , 2017, 89, 400-410.	1.5	7
3	Combined Interactions with $\alpha_1$ -, $\alpha_2$ -Imidazoline Binding Sites and $\alpha_2$ -Adrenoceptors To Manage Opioid Addiction. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 956-961.	1.3	6
4	Transfer of SAR information from hypotensive indazole to indole derivatives acting at $\alpha_2$ -adrenergic receptors: <i>In vitro</i> and <i>in vivo</i> studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 406-415.	2.6	14
5	Borne Identity: Leading Endogenous Suspects at Imidazoline Binding Sites. <i>Journal of Neurology and Neuroscience</i> , 2015, 06, .	0.4	1
6	Harmine: An atypical neurotransmitter?. <i>Neuroscience Letters</i> , 2015, 590, 1-5.	1.0	8
7	The effect of 7-fluoro-marsanidine, a novel $\alpha_2$ -adrenoceptor agonist, on extracellular noradrenaline in rat frontal cortex: A microdialysis study. <i>Neuroscience Letters</i> , 2015, 590, 47-51.	1.0	2
8	The modulatory action of harmine on serotonergic neurotransmission in rat brain. <i>Brain Research</i> , 2015, 1597, 57-64.	1.1	14
9	Modulation of Resistance Artery Tone by the Trace Amine $\alpha_2$ -Phenylethylamine: Dual Indirect Sympathomimetic and $\alpha_1$ -Adrenoceptor Blocking Actions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 164-171.	1.3	9
10	Fluorinated analogues of marsanidine, a highly $\alpha_2$ -AR/imidazoline I1 binding site-selective hypotensive agent. Synthesis and biological activities. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 386-397.	2.6	14
11	Effect of harmine, an endogenous $\alpha_2$ -carboline, on learning and memory in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 666-671.	1.3	17
12	Venlafaxine enhances the effect of bupropion on extracellular dopamine in rat frontal cortex. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 803-809.	0.7	18
13	Evaluation and initial <i>in vitro</i> and <i>ex vivo</i> characterization of the potential positron emission tomography ligand, BU99008 (2-(4,5-dihydro-1H-imidazol-2-yl)-1-methylindole), for the $\alpha_2$ imidazoline binding site. <i>Synapse</i> , 2012, 66, 542-551.		
14	Synthesis and biological activities of 2-[(heteroaryl)methyl]imidazolines. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 108-116.	1.4	11
15	Favourable involvement of $\alpha_2$ -adrenoceptor antagonism in the I2-imidazoline binding sites-mediated morphine analgesia enhancement. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2259-2265.	1.4	39
16	<i>N</i> -(Imidazolidin-2-ylidene)-1-arylmethanamine Oxides: Synthesis, Structure and Pharmacological Evaluation. <i>Archiv Der Pharmazie</i> , 2012, 345, 33-42.	2.1	4
17	3-[(Imidazolidin-2-yl)imino]indazole ligands with selectivity for the $\alpha_2$ -adrenoceptor compared to the imidazoline I1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 321-329.	1.4	18
18	New imidazoline/ $\alpha_2$ -adrenoceptors affecting compounds: 4(5)-(2-aminoethyl)imidazoline (dihydrohistamine) derivatives. Synthesis and receptor affinity studies. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 156-167.	1.4	4

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19	Novel imidazoline compounds as partial or full agonists of D2-like dopamine receptors inspired by I2-imidazoline binding sites ligand 2-BFI. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7085-7091.	1.4	12
20	Identification of an imidazoline binding protein: Creatine kinase and an imidazoline-2 binding site. <i>Brain Research</i> , 2009, 1279, 21-28.	1.1	32
21	New analogues of agmatine with higher affinity to imidazoline receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1009-1011.	1.0	11
22	Bioactive Contaminants Leach from Disposable Laboratory Plasticware. <i>Science</i> , 2008, 322, 917-917.	6.0	189
23	1-[(Imidazolidin-2-yl)imino]indazole. Highly $\hat{I}_{2}$ Selective Agonist: Synthesis, X-ray Structure, and Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3599-3608.	2.9	40
24	Novel Ligands Rationally Designed for Characterizing $I_{2}$ Imidazoline Binding Sites Nature and Functions. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5130-5134.	2.9	19
25	In vitro and in vivo effect of BU99006 (5-isothiocyanato-2-benzofuranyl-2-imidazoline) on I2 binding in relation to MAO: Evidence for two distinct I2 binding sites. <i>Neuropharmacology</i> , 2007, 52, 395-404.	2.0	13
26	The effect of 1-(4,5-dihydro-1H-imidazol-2-yl) isoquinoline on monoamine release and turnover in the rat frontal cortex. <i>Neuroscience Letters</i> , 2007, 422, 109-113.	1.0	2
27	In vitro and ex vivo distribution of [ <sup>3</sup> H]harmaline, an endogenous $\hat{I}^{2}$ -carboline, in rat brain. <i>Neuropharmacology</i> , 2006, 50, 269-276.	2.0	53
28	Autoradiographical distribution of imidazoline binding sites in monoamine oxidase A deficient mice. <i>Journal of Neurochemistry</i> , 2006, 96, 1551-1559.	2.1	18
29	2-(4,5-Dihydroimidazol-2-yl)benzimidazoles as highly selective imidazoline I2/adrenergic $\hat{I}_{\pm 2}$ receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6679-6685.	1.4	7
30	The uptake of a fluorescently labelled antisense oligonucleotide in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , 2005, 147, 48-54.	1.3	2
31	Characterisation of imidazoline I2 binding sites in pig brain. <i>European Journal of Pharmacology</i> , 2005, 519, 68-74.	1.7	10
32	Synthesis of 2,3,5,6-tetrahydro-3H-imidazo[2,1-b][1,3,5]benzotriazepines and their oxidative ring contraction into 1-(4,5-dihydro-1H-imidazol-2-yl)-1H-benzimidazoles. <i>Il Farmaco</i> , 2005, 60, 127-134.	0.9	5
33	Synthesis of 2,3,5,6-Tetrahydro-3H-imidazo[2,1-b][1,3,5]benzotriazepines and Their Oxidative Ring Contraction into 1-(4,5-Dihydro-1H-imidazol-2-yl)-1H-benzimidazoles.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
34	Estimation of endogenous noradrenaline release in rat brain in vivo using [ <sup>3</sup> H]RX 821002. <i>Synapse</i> , 2005, 55, 126-132.	0.6	7
35	Comparison of Alterations in c-fos and Egr-1 (zif268) Expression Throughout the Rat Brain Following Acute Administration of Different Classes of Antidepressant Compounds. <i>Neuropsychopharmacology</i> , 2005, 30, 1278-1287.	2.8	56
36	Imidazoline2 (I2) Receptor- and $\hat{I}_{\pm 2}$ - Adrenoceptor-Mediated Modulation of Hypothalamic-Pituitary-Adrenal Axis Activity in Control and Acute Restraint Stressed Rats. <i>Journal of Psychopharmacology</i> , 2004, 18, 47-53.	2.0	14

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37	Binding of an imidazopyridoindole at imidazoline I2 receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 527-529.	1.0	10
38	Binding of $\alpha$ -carbolines at imidazoline I 2 receptors: a structure- $\alpha$ affinity investigation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 999-1002.	1.0	42
39	Pyrazino[1,2-a]indoles as Novel High-Affinity and Selective Imidazoline I2 Receptor Ligands.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
40	Pyrazino[1,2- a ]indoles as novel high-affinity and selective imidazoline I 2 receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1003-1005.	1.0	11
41	Pharmacological characterisation of novel $\alpha$ -adrenoceptor antagonists as potential brain imaging agents. <i>Neuropharmacology</i> , 2004, 46, 847-855.	2.0	5
42	Harmine and Harmalan Are Bioactive Components of Classical Clonidine-Displacing Substance- $\alpha$ . <i>Biochemistry</i> , 2004, 43, 16385-16392.	1.2	36
43	Comparative Effects of Efaroxan and $\alpha$ -Carbolines on the Secretory Activity of Rodent and Human $\beta$ Cells. <i>Annals of the New York Academy of Sciences</i> , 2003, 1009, 167-174.	1.8	15
44	Novel Ligands for the Investigation of Imidazoline Receptors and Their Binding Proteins. <i>Annals of the New York Academy of Sciences</i> , 2003, 1009, 302-308.	1.8	18
45	Behavioral, neuroendocrine and neurochemical effects of the imidazoline I2 receptor selective ligand BU224 in naive rats and rats exposed to the stress of the forced swim test. <i>Psychopharmacology</i> , 2003, 167, 195-202.	1.5	45
46	Effects of the $\alpha$ -carbolines, harmine and pinoline, on insulin secretion from isolated human islets of Langerhans. <i>European Journal of Pharmacology</i> , 2003, 482, 189-196.	1.7	50
47	N1- $\alpha$ -fluoroethyl-naltrindole (BU97001) and N1- $\alpha$ -fluoroethyl-(14-formylamino)-naltrindole (BU97018) potential $\mu$ -opioid receptor PET ligands. <i>Nuclear Medicine and Biology</i> , 2002, 29, 455-462.	0.3	12
48	Distribution of [ $^3$ H]BU224, a selective imidazoline I2 binding site ligand, in rat brain. <i>European Journal of Pharmacology</i> , 2002, 450, 55-60.	1.7	16
49	$\alpha$ -carboline binding to imidazoline receptors. <i>Drug and Alcohol Dependence</i> , 2001, 64, 203-208.	1.6	118
50	Selective $\mu$ -opioid receptor ligands: potential PET ligands based on naltrindole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 939-943.	1.0	19
51	[5] In vitro and in vivo effects of antisense on $\alpha$ -adrenoceptor expression. <i>Methods in Enzymology</i> , 2000, 314, 61-76.	0.4	7
52	Probes for imidazoline binding sites: synthesis and evaluation of a selective, irreversible I 2 ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 605-607.	1.0	15
53	Isolation of RP-HPLC pure clonidine-displacing substance from NG108-15 cells. <i>European Journal of Pharmacology</i> , 2000, 387, 27-30.	1.7	6
54	Novel Selective Compounds for the Investigation of Imidazoline Receptors. <i>Annals of the New York Academy of Sciences</i> , 1999, 881, 81-91.	1.8	72

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55	Comparison of Crude Methanolic CDS Extracts from Various Tissues. <i>Annals of the New York Academy of Sciences</i> , 1999, 881, 92-96.	1.8	5
56	Autoradiography of I2 Receptors in Frog Brain. <i>Annals of the New York Academy of Sciences</i> , 1999, 881, 208-211.	1.8	2
57	Extraction of active clonidine-displacing substance from bovine lung and comparison with clonidine-displacing substance extracted from other tissues. <i>European Journal of Pharmacology</i> , 1999, 378, 213-221.	1.7	12
58	Characterisation and localisation of [ <sup>3</sup> H]-2-(2-benzofuranyl)-2-imidazoline binding in rat brain: a selective ligand for imidazoline I2 receptors. <i>European Journal of Pharmacology</i> , 1998, 353, 123-135.	1.7	82
59	'Seeing through a glass darkly': casting light on imidazoline 'I' sites. <i>Trends in Pharmacological Sciences</i> , 1998, 19, 381-390.	4.0	238
60	Identification of ligands selective for central I2-imidazoline binding sites. <i>Neurochemistry International</i> , 1997, 30, 47-53.	1.9	39
61	A series of novel imidazoline I2-receptor selective Schiff bases of 1-(benzylidenamino)-3,3-dimethylguanidine. <i>Neurochemistry International</i> , 1997, 30, 95-99.	1.9	1
62	[ <sup>3</sup> H]2-(2-Benzofuranyl)-2-imidazoline: a new selective high affinity radioligand for the study of rabbit brain imidazoline I2 receptors. <i>European Journal of Pharmacology</i> , 1996, 304, 221-229.	1.7	52
63	Imidazoline binding sites in Huntington's and Parkinson's disease putamen. <i>European Journal of Pharmacology</i> , 1996, 301, R19-R21.	1.7	43
64	Functional Studies of Specific Imidazoline-2 Receptor Ligands. <i>Annals of the New York Academy of Sciences</i> , 1995, 763, 125-139.	1.8	121
65	Nonadrenergic Imidazoline Binding Sites and Amine Oxidase Activities in Fat Cells. <i>Annals of the New York Academy of Sciences</i> , 1995, 763, 380-397.	1.8	9
66	Thyrotropin-releasing hormone selectively reverses lorazepam-induced sedation but not slowing of saccadic eye movements.. <i>Life Sciences</i> , 1992, 50, PL25-PL30.	2.0	18
67	Bicuculline-insensitive gaba receptors on peripheral autonomic nerve terminals. <i>European Journal of Pharmacology</i> , 1981, 71, 53-70.	1.7	360