

Robert B Moreland

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67
papers

3,352
citations

35
h-index

57
g-index

68
ext. papers

3,540
ext. citations

4.6
avg, IF

4.21
L-index

#	Paper	IF	Citations
67	Effects of castration and androgen replacement on erectile function in a rabbit model. <i>Endocrinology</i> , 1999 , 140, 1861-8	4.8	260
66	Mechanisms of venous leakage: a prospective clinicopathological correlation of corporeal function and structure. <i>Journal of Urology</i> , 1996 , 156, 1320-9	2.5	221
65	Investigative Urology: PGE sub 1 Suppresses the Induction of Collagen Synthesis by Transforming Growth Factor-beta sub 1 in Human Corpus Cavernosum Smooth Muscle. <i>Journal of Urology</i> , 1995 , 153, 826-834	2.5	202
64	Sildenafil, a novel inhibitor of phosphodiesterase type 5 in human corpus cavernosum smooth muscle cells. <i>Life Sciences</i> , 1998 , 62, PL 309-18	6.8	141
63	Electrophysiological and in vivo characterization of A-317567, a novel blocker of acid sensing ion channels. <i>Pain</i> , 2005 , 117, 88-96	8	139
62	Sildenafil inhibits phosphodiesterase type 5 in human clitoral corpus cavernosum smooth muscle. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 249, 612-7	3.4	124
61	Activation of dopamine D4 receptors by ABT-724 induces penile erection in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6758-63	11.5	98
60	Molecular determinants of species-specific activation or blockade of TRPA1 channels. <i>Journal of Neuroscience</i> , 2008 , 28, 5063-71	6.6	91
59	Sildenafil Citrate, a Selective Phosphodiesterase Type 5 Inhibitor:. <i>Trends in Endocrinology and Metabolism</i> , 1999 , 10, 97-104	8.8	91
58	Transient receptor potential A1 mediates an osmotically activated ion channel. <i>European Journal of Neuroscience</i> , 2008 , 27, 605-11	3.5	90
57	Central mechanisms regulating penile erection in conscious rats: the dopaminergic systems related to the proerectile effect of apomorphine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 330-8	4.7	86
56	Reconstitution of human corpus cavernosum smooth muscle in vitro and in vivo. <i>Tissue Engineering</i> , 2002 , 8, 515-24		76
55	Implications of prostate micrometastases in pelvic lymph nodes: an archival tissue study. <i>Urology</i> , 1996 , 47, 370-5	1.6	73
54	Possible role of Na(+)-K(+)-ATPase in the regulation of human corpus cavernosum smooth muscle contractility by nitric oxide. <i>British Journal of Pharmacology</i> , 1995 , 116, 2201-6	8.6	69
53	Structure-activity relationship of triazafluorenone derivatives as potent and selective mGluR1 antagonists. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 7374-88	8.3	66
52	Antidepressant-like effect of D(2/3) receptor-, but not D(4) receptor-activation in the rat forced swim test. <i>Neuropsychopharmacology</i> , 2005 , 30, 1257-68	8.7	65
51	Activation of TRPA1 channels by the fatty acid amide hydrolase inhibitor 3Tcarbamoylbiphenyl-3-yl cyclohexylcarbamate (URB597). <i>Molecular Pharmacology</i> , 2007 , 71, 1209-16	4.3	63

50	Discovery of 2-(4-pyridin-2-ylpiperazin-1-ylmethyl)-1H-benzimidazole (ABT-724), a dopaminergic agent with a novel mode of action for the potential treatment of erectile dysfunction. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 3853-64	8.3	58
49	Prostanoid Production in Rabbit Corpus Cavernosum: I. Regulation by Oxygen Tension. <i>Journal of Urology</i> , 1996 , 155, 1482-1487	2.5	57
48	TRPV1b overexpression negatively regulates TRPV1 responsiveness to capsaicin, heat and low pH in HEK293 cells. <i>Journal of Neurochemistry</i> , 2006 , 99, 1088-102	6	55
47	A-350619: a novel activator of soluble guanylyl cyclase. <i>Life Sciences</i> , 2003 , 72, 1015-25	6.8	54
46	Neurologic erectile dysfunction. <i>Urologic Clinics of North America</i> , 2001 , 28, 289-308	2.9	54
45	Role of central and peripheral mGluR5 receptors in post-operative pain in rats. <i>Pain</i> , 2005 , 114, 195-202	8	52
44	A-412997, a selective dopamine D4 agonist, improves cognitive performance in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 82, 148-55	3.9	50
43	Reperfusion of ischemic corporal tissue: physiologic and biochemical changes in an animal model of ischemic priapism. <i>Urology</i> , 2003 , 62, 760-4	1.6	46
42	A-412997 is a selective dopamine D4 receptor agonist in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 82, 140-7	3.9	46
41	O2-dependent prostanoid synthesis activates functional PGE receptors on corpus cavernosum smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H552-8	5.2	46
40	Pharmacotherapeutic advances in the treatment of erectile dysfunction. <i>Mayo Clinic Proceedings</i> , 1999 , 74, 709-21	6.4	43
39	Cross-regulation of intracellular cGMP and cAMP in cultured human corpus cavernosum smooth muscle cells. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000 , 4, 10-4		41
38	Comparative pharmacology of human dopamine D(2)-like receptor stable cell lines coupled to calcium flux through Galpha(qo5). <i>Biochemical Pharmacology</i> , 2004 , 68, 761-72	6	38
37	Development of human and rabbit vaginal smooth muscle cell cultures: effects of vasoactive agents on intracellular levels of cyclic nucleotides. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 1999 , 2, 131-7		37
36	Dopamine D2, but not D4, receptor agonists are emetogenic in ferrets. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 211-9	3.9	36
35	CORPOREAL STRUCTURAL AND VASCULAR MICRO ARCHITECTURE WITH X-RAY MICRO COMPUTERIZED TOMOGRAPHY IN NORMAL AND DIABETIC RABBITS: HISTOPATHOLOGICAL CORRELATION. <i>Journal of Urology</i> , 2001 , 165, 1776-1782	2.5	36
34	Capsaicin causes protein synthesis inhibition and microtubule disassembly through TRPV1 activities both on the plasma membrane and intracellular membranes. <i>Biochemical Pharmacology</i> , 2007 , 73, 1635-45	6	35
33	Dopamine D4 ligands and models of receptor activation: 2-(4-pyridin-2-ylpiperazin-1-ylmethyl)-1H-benzimidazole and related heteroarylmethylaryl piperazines exhibit a substituent effect responsible for additional efficacy tuning. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2348-55	8.3	35

32	Discovery of 3-methyl-N-(1-oxy-3,4,5,6-tetrahydro-2H-[2,4-bipyridine]-1-ylmethyl)benzamide (ABT-670), an orally bioavailable dopamine D4 agonist for the treatment of erectile dysfunction. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7450-65	8.3	34
31	Utility of large-scale transiently transfected cells for cell-based high-throughput screens to identify transient receptor potential channel A1 (TRPA1) antagonists. <i>Journal of Biomolecular Screening</i> , 2007 , 12, 61-9		32
30	Synthesis and functional activity of (2-aryl-1-piperazinyl)-N-(3-methylphenyl)acetamides: selective dopamine D4 receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3471-83	3.4	31
29	YC-1 potentiates the nitric oxide/cyclic GMP pathway in corpus cavernosum and facilitates penile erection in rats. <i>European Journal of Pharmacology</i> , 2003 , 458, 183-9	5.3	31
28	Synthesis and evaluation of 3-aryl piperidine analogs as potent and efficacious dopamine D4 receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 4667-78	3.4	31
27	Dopamine D4 receptor signaling in the rat paraventricular hypothalamic nucleus: Evidence of natural coupling involving immediate early gene induction and mitogen activated protein kinase phosphorylation. <i>Neuropharmacology</i> , 2006 , 50, 521-31	5.5	29
26	The expression of functional postsynaptic alpha2-adrenoceptors in the corpus cavernosum smooth muscle. <i>British Journal of Pharmacology</i> , 1998 , 123, 1237-45	8.6	28
25	Modulation of human TRPV1 receptor activity by extracellular protons and host cell expression system. <i>European Journal of Pharmacology</i> , 2006 , 537, 20-30	5.3	27
24	Hypoxia-activated ligand HAL-1/13 is lupus autoantigen Ku80 and mediates lymphoid cell adhesion in vitro. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C897-911	5.4	26
23	Emerging pharmacologic approaches for the treatment of lower urinary tract disorders. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 797-804	4.7	24
22	A rapid and simple method for the detection of prostate-specific antigen mRNA in archival tissue specimens using a reverse transcription-polymerase chain reaction assay. <i>Urology</i> , 1995 , 45, 597-603	1.6	23
21	Quantification of TRPV1 protein levels in rat tissues to understand its physiological roles. <i>Journal of Molecular Neuroscience</i> , 2013 , 50, 23-32	3.3	21
20	A cell-based microarrayed compound screening format for identifying agonists of G-protein-coupled receptors. <i>Analytical Biochemistry</i> , 2003 , 321, 192-201	3.1	21
19	Analgesic activity of metabotropic glutamate receptor 1 antagonists on spontaneous post-operative pain in rats. <i>European Journal of Pharmacology</i> , 2008 , 580, 314-21	5.3	19
18	Correlation between brain/plasma ratios and efficacy in neuropathic pain models of selective metabotropic glutamate receptor 1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4936-40	2.9	19
17	Rapid hit to lead evaluation of pyrazolo[3,4-d]pyrimidin-4-one as selective and orally bioavailable mGluR1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 4303-7	2.9	18
16	2-[4-(3,4-Dimethylphenyl)piperazin-1-ylmethyl]-1H benzoimidazole (A-381393), a selective dopamine D4 receptor antagonist. <i>Neuropharmacology</i> , 2005 , 49, 112-21	5.5	18
15	Application of large-scale transiently transfected cells to functional assays of ion channels: different targets and assay formats. <i>Assay and Drug Development Technologies</i> , 2007 , 5, 417-24	2.1	17

14	1-aryl-3-(4-pyridine-2-ylpiperazin-1-yl)propan-1-one oximes as potent dopamine D4 receptor agonists for the treatment of erectile dysfunction. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 5093-109	8.3	16
13	Acrylamide analog as a novel nitric oxide-independent soluble guanylyl cyclase activator. <i>Journal of Pharmacological Sciences</i> , 2006 , 102, 231-8	3.7	16
12	[3H]A-778317 [1-((R)-5-tert-butyl-indan-1-yl)-3-isoquinolin-5-yl-urea]: a novel, stereoselective, high-affinity antagonist is a useful radioligand for the human transient receptor potential vanilloid-1 (TRPV1) receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 323, 285-93	4.7	15
11	[3H] A-369508 ([2-[4-(2-cyanophenyl)-1-piperazinyl]-N-(3-methylphenyl) acetamide): an agonist radioligand selective for the dopamine D4 receptor. <i>European Journal of Pharmacology</i> , 2004 , 497, 147-54	5.3	15
10	Mechanisms of Venous Leakage. <i>Journal of Urology</i> , 1996 , 1320-1329	2.5	13
9	Expression and purification of human TRPV1 in baculovirus-infected insect cells for structural studies. <i>Protein Expression and Purification</i> , 2009 , 65, 38-50	2	11
8	Synthesis and activity of 2-[4-(4-[3H]-2-cyanophenyl)piperazinyl]-N-(2,4,6-[3H]3-3-methylphenyl)acetamide: a selective dopamine D4 receptor agonist and radioligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5095-8	2.9	11
7	In vitro models: research in physiology and pharmacology of the lower urinary tract. <i>British Journal of Pharmacology</i> , 2006 , 147 Suppl 2, S56-61	8.6	10
6	Investigative Urology. <i>Journal of Urology</i> , 1995 , 826-834	2.5	10
5	Central oxytocinergic and dopaminergic mechanisms regulating penile erection in conscious rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 797-804	3.9	8
4	Development of ELISA to measure TRPV1 protein in rat tissues. <i>Journal of Neuroscience Methods</i> , 2011 , 200, 144-52	3	2
3	Dopamine D4 receptors and the regulation of penile erection. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 599-604		2
2	Molecular Basis of Venous Occlusion and the Molecular Pathology of Vasculogenic Erectile Dysfunction. <i>Sexuality and Disability</i> , 2004 , 22, 143-149	1.3	
1	[3H]A-778317: a novel high-affinity radioligand for the TRPV1 receptor. <i>FASEB Journal</i> , 2006 , 20, A246	0.9	