Martin C Michel

List of Publications by Year
in descending order

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227 papers	11,682 citations	26610 56 h-index	37183 96 g-index
232 all docs	232 docs citations	232 times ranked	9736 citing authors

#	Article	IF	Citations
1	EAU Guidelines on the Treatment and Follow-up of Non-neurogenic Male Lower Urinary Tract Symptoms Including Benign Prostatic Obstruction. European Urology, 2013, 64, 118-140.	0.9	990
2	The Molecular Basis for the Pharmacokinetics and Pharmacodynamics of Curcumin and Its Metabolites in Relation to Cancer. Pharmacological Reviews, 2014, 66, 222-307.	7.1	418
3	Î±1 -, Î±2 - and Î²-adrenoceptors in the urinary bladder, urethra and prostate. British Journal of Pharmacology, 2006, 147, S88-S119.	2.7	386
4	How reliable are G-protein-coupled receptor antibodies?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 385-388.	1.4	264
5	A Systematic Comparison of the Properties of Clinically Used Angiotensin II Type 1 Receptor Antagonists. Pharmacological Reviews, 2013, 65, 809-848.	7.1	233
6	A Contemporary Assessment of Nocturia: Definition, Epidemiology, Pathophysiology, and Managementâ€"a Systematic Review and Meta-analysis. European Urology, 2012, 62, 877-890.	0.9	231
7	Mirabegron in overactive bladder: A review of efficacy, safety, and tolerability. Neurourology and Urodynamics, 2014, 33, 17-30.	0.8	228
8	Receptors for neuropeptide Y: multiple subtypes and multiple second messengers. Trends in Pharmacological Sciences, 1991, 12, 389-394.	4.0	209
9	Pharmacological treatment of overactive bladder: report from the International Consultation on Incontinence. Current Opinion in Urology, 2009, 19, 380-394.	0.9	161
10	EFFECT OF DIABETES ON LOWER URINARY TRACT SYMPTOMS IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA. Journal of Urology, 2000, 163, 1725-1729.	0.2	154
11	Signal Transduction Underlying Carbachol-Induced Contraction of Human Urinary Bladder. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 1148-1153.	1.3	152
12	A comprehensive nonâ€clinical evaluation of the CNS penetration potential of antimuscarinic agents for the treatment of overactive bladder. British Journal of Clinical Pharmacology, 2011, 72, 235-246.	1.1	152
13	Impact of GPCRs in clinical medicine: Monogenic diseases, genetic variants and drug targets. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 994-1005.	1.4	151
14	Myocardial beta-adrenoceptor changes in heart failure: concomitant reduction in beta,- and beta2-adrenoceptor function related to the degree of heart failure in patients with mitral valve disease. Journal of the American College of Cardiology, 1989, 14, 323-331.	1.2	145
15	M3 muscarinic receptors mediate contraction of human urinary bladder. British Journal of Pharmacology, 2002, 136, 641-644.	2.7	142
16	Is the use of parasympathomimetics for treating an underactive urinary bladder evidence-based?. BJU International, 2007, 99, 749-752.	1.3	140
17	Signal transduction underlying the control of urinary bladder smooth muscle tone by muscarinic receptors and Î²-adrenoceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 377, 449-462.	1.4	139
18	Cardiovascular effects of sphingosine-1-phosphate and other sphingomyelin metabolites. British Journal of Pharmacology, 2004, 143, 666-684.	2.7	134

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19	Lack of specificity of commercially available antisera against muscarinergic and adrenergic receptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 397-402.	1.4	131
20	A new method for isolation of human lymphocyte subsets reveals differential regulation of Î²-adrenergic receptors by terbutaline treatment. Clinical Pharmacology and Therapeutics, 1989, 46, 429-439.	2.3	122
21	Effects of ??1-Adrenoceptor Antagonists on Male Sexual Function. Drugs, 2006, 66, 287-301.	4.9	119
22	Elevation of plasma neuropeptide Y levels in congestive heart failure. American Journal of Medicine, 1989, 86, 43-48.	0.6	117
23	Nerve growth factor in bladder dysfunction: Contributing factor, biomarker, and therapeutic target. Neurourology and Urodynamics, 2011, 30, 1227-1241.	0.8	115
24	Small and intermediate conductance Ca 2+ -activated K + channels confer distinctive patterns of distribution in human tissues and differential cellular localisation in the colon and corpus cavernosum. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 602-615.	1.4	112
25	Mitogen-activated protein kinases in the heart. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 245-266.	1.4	109
26	ASSOCIATION OF HYPERTENSION WITH SYMPTOMS OF BENIGN PROSTATIC HYPERPLASIA. Journal of Urology, 2004, 172, 1390-1393.	0.2	108
27	Fesoterodine: a novel muscarinic receptor antagonist for the treatment of overactive bladder syndrome. Expert Opinion on Pharmacotherapy, 2008, 9, 1787-1796.	0.9	105
28	A comprehensive review of the preclinical efficacy profile of the ErbB family blocker afatinib in cancer. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 505-521.	1.4	97
29	A Multicenter, Double-blind, Randomized, Placebo-controlled Trial of the Î²3-Adrenoceptor Agonist Solabegron for Overactive Bladder. European Urology, 2012, 62, 834-840.	0.9	96
30	Sphingosine-1-phosphate and sphingosylphosphorylcholine constrict renal and mesenteric microvessels in vitro. British Journal of Pharmacology, 2000, 130, 1871-1877.	2.7	95
31	Flexibleâ€Dose Fesoterodine in Elderly Adults with Overactive Bladder: Results of the Randomized, Doubleâ€Blind, Placeboâ€Controlled Study of Fesoterodine in an Aging Population Trial. Journal of the American Geriatrics Society, 2013, 61, 185-193.	1.3	95
32	Rho kinase: a target for treating urinary bladder dysfunction?. Trends in Pharmacological Sciences, 2006, 27, 492-497.	4.0	90
33	Tools to study Î²3-adrenoceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 374, 385-398.	1.4	90
34	Sequence of Echocardiographic Changes During Development of Right Ventricular Failure in Rat. Journal of the American Society of Echocardiography, 2006, 19, 1272-1279.	1.2	85
35	Saw palmetto extracts potently and noncompetitively inhibit human ?1-adrenoceptors in vitro. , 1999, 38, 208-215.		84
36	Spare Receptors for Î²-Adrenoceptor-Mediated Positive Inotropic Effects of Catecholamines in the Human Heart. Journal of Cardiovascular Pharmacology, 1992, 19, 222-232.	0.8	81

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37	Prevalence and Physician Awareness of Symptoms of Urinary Bladder Dysfunction. European Urology, 2002, 41, 234-239.	0.9	81
38	Regulation of G protein-coupled receptor signalling: Focus on the cardiovascular system and regulator of G protein signalling proteins. European Journal of Pharmacology, 2008, 585, 278-291.	1.7	79
39	Physiological and pathological regulation of the autonomic control of urinary bladder contractility. , 2008, 117, 297-312.		79
40	Is Î±1D-adrenoreptor protein detactable in rat tissues?. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 355, 438-446.	1.4	77
41	Sphingosine-1-phosphate reduces rat renal and mesenteric blood flow in vivo in a pertussis toxin-sensitive manner. British Journal of Pharmacology, 2000, 130, 1878-1883.	2.7	77
42	Signal Transduction Underlying Carbachol-Induced Contraction of Rat Urinary Bladder. I. Phospholipases and Ca2+ Sources. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 47-53.	1.3	76
43	Biased Agonism in Drug Discoveryâ€"Is It Too Soon to Choose a Path?. Molecular Pharmacology, 2018, 93, 259-265.	1.0	76
44	p38 MAP kinase is a mediator of ischemic preconditioning in pigs. Cardiovascular Research, 2002, 55, 690-700.	1.8	74
45	Drug-Induced Urinary Incontinence. Drugs and Aging, 2008, 25, 541-549.	1.3	73
46	The Odd Sibling: Features ofÎ²₃-Adrenoceptor Pharmacology. Molecular Pharmacology, 2014, 86, 479-484.	1.0	73
47	Pharmacological profile of Î²3-adrenoceptor agonists in clinical development for the treatment of overactive bladder syndrome. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 177-183.	1.4	71
48	Does Cyclic AMP Mediate Rat Urinary Bladder Relaxation by Isoproterenol?. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 260-267.	1.3	70
49	Arterial hypotension in chronic hemodialyzed patients. Kidney International, 1987, 32, 728-735.	2.6	69
50	Inconsistent relation of MAPK activation to infarct size reduction by ischemic preconditioning in pigs. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1111-H1119.	1.5	66
51	Basic Mechanisms of Urgency: Preclinical and Clinical Evidence. European Urology, 2009, 56, 298-308.	0.9	66
52	How valid are animal models to evaluate treatments for pulmonary hypertension?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 373, 391-400.	1.4	64
53	Do Î±₁â€adrenoceptor antagonists improve lower urinary tract symptoms by reducing bladder outlet resistance?. Neurourology and Urodynamics, 2008, 27, 226-230.	0.8	61
54	Comparison of problem-and lecture-based pharmacology teaching. Trends in Pharmacological Sciences, 2002, 23, 168-170.	4.0	60

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55	Pitfalls in the normalization of real-time polymerase chain reaction data. Basic Research in Cardiology, 2007, 102, 195-197.	2.5	60
56	Opportunities and Challenges for Drug Development: Publicâ€“Private Partnerships, Adaptive Designs and Big Data. Frontiers in Pharmacology, 2016, 7, 461.	1.6	60
57	Comparison of the positive inotropic effects of serotonin, histamine, angiotensin II, endothelin and isoprenaline in the isolated human right atrium. Naunyn-Schmiedeberg's Archives of Pharmacology, 1993, 347, 347-352.	1.4	59
58	Gender comparison of muscarinic receptor expression and function in rat and human urinary bladder: differential regulation of M2 and M3 receptors?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 524-531.	1.4	59
59	Decreased myometrial Î²-adrenoceptors in women receiving Î²2-adrenergic tocolytic therapy: Correlation with lymphocyte Î²-adrenoceptors. Clinical Pharmacology and Therapeutics, 1989, 45, 1-8.	2.3	58
60	Cholinergic Innervation and Muscarinic Receptors in the Human Prostate. European Urology, 2008, 54, 326-334.	0.9	58
61	Effects of gender, age and hypertension on Î²-adrenergic receptor function in rat urinary bladder. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 373, 300-309.	1.4	56
62	Myocardial Dysfunction in Donor Hearts. Circulation, 1999, 99, 2565-2570.	1.6	55
63	Pharmacokinetics and Pharmacodynamics of Tamsulosin in its Modified-Release and Oral Controlled Absorption System Formulations. Clinical Pharmacokinetics, 2010, 49, 177-188.	1.6	55
64	Angiotensin II type 1 receptor antagonists in animal models of vascular, cardiac, metabolic and renal disease. , 2016, 164, 1-81.		55
65	Effects of ageing on muscarinic receptor subtypes and function in rat urinary bladder. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 372, 71-78.	1.4	54
66	Epac and the cardiovascular system. Current Opinion in Pharmacology, 2007, 7, 193-200.	1.7	54
67	The prevention of migraine: a critical review with special emphasis on Î²-adrenoceptor blockers. British Journal of Clinical Pharmacology, 2001, 52, 237-243.	1.1	53
68	Safety of Telmisartan in Patients with Arterial Hypertension. Drug Safety, 2004, 27, 335-344.	1.4	53
69	New Author Guidelines for Displaying Data and Reporting Data Analysis and Statistical Methods in Experimental Biology. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 136-147.	1.3	53
70	Treatment of lower urinary tract symptoms suggestive of benign prostatic hyperplasia: the cardiovascular system. BJU International, 2005, 95, 19-28.	1.3	52
71	Î²3-Adrenoceptor agonists for overactive bladder syndrome: Role of translational pharmacology in a repositioning clinical drug development project. , 2016, 159, 66-82.		52
72	Nocturia: A nonâ€specific but important symptom of urological disease. International Journal of Urology, 2009, 16, 249-256.	0.5	50

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73	Receptor subtypes Y1 and Y5 are involved in the renal effects of neuropeptide Y. British Journal of Pharmacology, 1997, 120, 1335-1343.	2.7	49
74	A Comprehensive Review of the Pharmacodynamics, Pharmacokinetics, and Clinical Effects of the Neutral Endopeptidase Inhibitor Racecadotril. Frontiers in Pharmacology, 2012, 3, 93.	1.6	49
75	Î±1-Adrenoceptor Subtypes Differentially Couple to Growth Promotion and Inhibition in Chinese Hamster Ovary Cells. Biochemical and Biophysical Research Communications, 2000, 272, 906-911.	1.0	48
76	Signal Transduction Underlying Carbachol-Induced Contraction of Rat Urinary Bladder. II. Protein Kinases. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 54-58.	1.3	48
77	Longâ€term safety, tolerability and efficacy of flexibleâ€dose fesoterodine in elderly patients with overactive bladder: Openâ€label extension of the SOFIA trial. Neurourology and Urodynamics, 2014, 33, 106-114.	0.8	47
78	Radioreceptor assay analysis of tamsulosin and terazosin pharmacokinetics. British Journal of Clinical Pharmacology, 1998, 45, 49-55.	1.1	46
79	Comparison of three radioligands for the labelling of human Î²-adrenoceptor subtypes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 374, 99-105.	1.4	46
80	The pharmacological rationale for combining muscarinic receptor antagonists and Î²-adrenoceptor agonists in the treatment of airway and bladder disease. Current Opinion in Pharmacology, 2014, 16, 31-42.	1.7	45
81	Renal Î±â€adrenergic receptor alterations: a cause of essential hypertension?. FASEB Journal, 1989, 3, 139-144.	0.2	44
82	Muscarinic receptor subtypes in porcine detrusor: comparison with humans and regulation by bladder augmentation. Urological Research, 1998, 26, 149-154.	1.5	44
83	Treatment of the overactive bladder syndrome with muscarinic receptor antagonists - a matter of metabolites?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 374, 79-85.	1.4	44
84	Comparison of Symptom Severity and Treatment Response in Patients with Incontinent and Continent Overactive Bladder. European Urology, 2005, 48, 110-115.	0.9	43
85	The Î²₃â€adrenoceptor agonist mirabegron increases human atrial force through Î²₁â€adrenoceptors: an indirect mechanism?. British Journal of Pharmacology, 2017, 174, 2706-2715.	2.7	43
86	Sphingosine Kinaseâ€“Dependent Activation of Endothelial Nitric Oxide Synthase by Angiotensin II. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2043-2048.	1.1	42
87	The effect of bladder outlet obstruction on Î±₁â€•and Î²â€adrenoceptor expression and function. Neurourology and Urodynamics, 2009, 28, 349-355.	0.8	42
88	Safety and tolerability of Î²₃-adrenoceptor agonists in the treatment of overactive bladder syndrome â€“ insight from transcriptosome and experimental studies. Expert Opinion on Drug Safety, 2016, 15, 647-657.	1.0	42
89	Do gene polymorphisms alone or in combination affect the function of human Î²₃â€adrenoceptors?. British Journal of Pharmacology, 2009, 156, 127-134.	2.7	41
90	Cardiovascular and ocular safety of Î±₁-adrenoceptor antagonists in the treatment of male lower urinary tract symptoms. Expert Opinion on Drug Safety, 2014, 13, 1187-1197.	1.0	41

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91	The Forefront for Novel Therapeutic Agents Based on the Pathophysiology of Lower Urinary Tract Dysfunction: Î±-Blockers in the Treatment of Male Voiding Dysfunction â€" How Do They Work and Why Do They Differ in Tolerability?. Journal of Pharmacological Sciences, 2010, 112, 151-157.	1.1	39
92	Tissue functions mediated by Î²3-adrenoceptorsâ€"findings and challenges. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 103-108.	1.4	39
93	Tocolytic Therapy with Fenoterol Induces Selective Down-Regulation of Î²-Adrenergic Receptors in Human Myometrium¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1235-1242.	1.8	36
94	Lysosphingolipid receptor-mediated diuresis and natriuresis in anaesthetized rats. British Journal of Pharmacology, 2001, 132, 1925-1933.	2.7	36
95	Role of muscarinic receptor antagonists in urgency and nocturia. BJU International, 2005, 96, 37-42.	1.3	36
96	Specificity evaluation of antibodies against human Î²3-adrenoceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 875-882.	1.4	35
97	A ROLE FOR MUSCARINIC RECEPTORS OR RHO-KINASE IN HYPERTENSION ASSOCIATED RAT BLADDER DYSFUNCTION?. Journal of Urology, 2005, 173, 2178-2181.	0.2	34
98	Are there functional Î²₃â€adrenoceptors in the human heart?. British Journal of Pharmacology, 2011, 162, 817-822.	2.7	34
99	Expression profiling of Gâ€proteinâ€coupled receptors in human urothelium and related cell lines. BJU International, 2012, 110, E293-300.	1.3	34
100	Agonist high- and low-affinity states of dopamine D2 receptors: methods of detection and clinical implications. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 135-154.	1.4	34
101	Neuropeptide Y (NPY) receptors in HEL cells: comparison of binding and functional parameters for full and partial agonists and a nonâ€peptide antagonist. British Journal of Pharmacology, 1992, 105, 71-76.	2.7	33
102	Vascular effects of sphingolipids. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 44-48.	0.7	33
103	Pharmacogenomics of G Protein-Coupled Receptor Ligands in Cardiovascular Medicine. Pharmacological Reviews, 2008, 60, 513-535.	7.1	33
104	Effects of voluntary dose escalation in a placeboâ€controlled, flexibleâ€dose trial of fesoterodine in subjects with overactive bladder. Neurourology and Urodynamics, 2011, 30, 1480-1485.	0.8	33
105	Î²₃â€Adrenoceptors in the normal and diseased urinary bladderâ€"What are the open questions?. British Journal of Pharmacology, 2019, 176, 2525-2538.	2.7	33
106	Differential calcium signalling by m2 and m3 muscarinic acetylcholine receptors in a single cell type. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 469-476.	1.4	32
107	CHARACTERIZATION OF Î±-ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. Journal of Urology, 1999, 162, 1793-1799.	0.2	32
108	Î²-Adrenergic Receptor Subtypes in the Urinary Tract. Handbook of Experimental Pharmacology, 2011, , 307-318.	0.9	32

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109	Modulation of lower urinary tract smooth muscle contraction and relaxation by the urothelium. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 675-694.	1.4	32
110	Stimulation of Î±1A-Adrenoceptors in Rat-1 Cells Inhibits Extracellular Signal-Regulated Kinase by Activating p38 Mitogen-Activated Protein Kinase. Molecular Pharmacology, 1998, 54, 755-760.	1.0	31
111	Extracts from Rhois aromatica and Solidaginis virgaurea inhibit rat and human bladder contraction. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 281-286.	1.4	30
112	Does Phospholipase C Mediate Muscarinic Receptor-Induced Rat Urinary Bladder Contraction?. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 998-1002.	1.3	30
113	Do Î²-adrenoceptor agonists induce homologous or heterologous desensitization in rat urinary bladder?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 215-224.	1.4	30
114	Molecular mechanism of Î²â€adrenergic receptor blockers with intrinsic sympathomimetic activity. FASEB Journal, 1988, 2, 2891-2894.	0.2	29
115	A Benefit-Risk Assessment of Extended-Release Oxybutynin. Drug Safety, 2002, 25, 867-876.	1.4	29
116	Muscarinic receptor antagonists for overactive bladder treatment: does one fit all?. Current Opinion in Urology, 2009, 19, 13-19.	0.9	29
117	Î²-Adrenoceptor agonist effects in experimental models of bladder dysfunction. , 2011, 131, 40-49.		29
118	Lack of evidence that nebivolol is a Î²3-adrenoceptor agonist. European Journal of Pharmacology, 2011, 654, 86-91.	1.7	29
119	In vitro and in vivo uroselectivity of B8805-033, an antagonist with high affinity at prostatic Î± 1A - vs. Î± 1B - and Î± 1D -adrenoceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 649-662.	1.4	28
120	The Neuro-Urological Connection. European Urology Supplements, 2005, 4, 18-28.	0.1	28
121	Activation of sphingosine kinase by muscarinic receptors enhances NO-mediated and attenuates EDHF-mediated vasorelaxation. Basic Research in Cardiology, 2009, 104, 50-59.	2.5	28
122	Functional investigation of Î²-adrenoceptors in human isolated detrusor focusing on the novel selective Î²3-adrenoceptor agonist KUC-7322. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 759-767.	1.4	28
123	A systematic review of urinary bladder hypertrophy in experimental diabetes: Part 2. Comparison of animal models and functional consequences. Neurourology and Urodynamics, 2018, 37, 2346-2360.	0.8	28
124	Prejunctional Neuropeptide Y Receptors in Human Kidney and Atrium. Journal of Cardiovascular Pharmacology, 1997, 29, 656-661.	0.8	28
125	Transient receptor potential vanilloid 1 mediates nerve growth factorâ€induced bladder hyperactivity and noxious input. BJU International, 2012, 110, E422-8.	1.3	27
126	Functional correlates of Î±2A-adrenoceptor gene polymorphism in the HANE study. Nephrology Dialysis Transplantation, 1999, 14, 2657-2663.	0.4	26

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127	Agonistâ€induced desensitisation of Î²₃â€adrenoceptors: Where, when, and how?. British Journal of Pharmacology, 2019, 176, 2539-2558.	2.7	26
128	Sensitization by dexamethasone of lymphocyte cyclic AMP formation: evidence for increased function of the adenylyl cyclase catalyst. British Journal of Pharmacology, 1994, 113, 240-246.	2.7	25
129	DOES CONCOMITANT STRESS INCONTINENCE ALTER THE EFFICACY OF TOLTERODINE IN PATIENTS WITH OVERACTIVE BLADDER?. Journal of Urology, 2004, 172, 601-604.	0.2	25
130	Bradykinin modulates spontaneous nerve growth factor production and stretch-induced ATP release in human urothelium. Pharmacological Research, 2013, 70, 147-154.	3.1	25
131	Nifedipine inhibits sphingosine-1-phosphate-induced renovascular contraction in vitro and in vivo. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 364, 179-182.	1.4	24
132	Different muscarinic receptor subtypes modulate proliferation of primary human detrusor smooth muscle cells via Akt/PI3K and map kinases. Pharmacological Research, 2013, 74, 1-6.	3.1	24
133	Do saw palmetto extracts block human?1-adrenoceptor subtypes in vivo?. Prostate, 2001, 46, 226-232.	1.2	23
134	The new radioligand [3H]-L 748,337 differentially labels human and rat Î²3-adrenoceptors. European Journal of Pharmacology, 2013, 720, 124-130.	1.7	23
135	Lower Urinary Tract Symptoms: Whatâ€™s New in Medical Treatment?. European Urology Focus, 2018, 4, 17-24.	1.6	23
136	Human Urinary Bladder Strip Relaxation by the Î²-Adrenoceptor Agonist Isoprenaline: Methodological Considerations and Effects of Gender and Age. Frontiers in Pharmacology, 2011, 2, 11.	1.6	22
137	Are blood vessels a target to treat lower urinary tract dysfunction?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 687-694.	1.4	22
138	Cognitive and mood side effects of lower urinary tract medication. Expert Opinion on Drug Safety, 2019, 18, 915-923.	1.0	22
139	Comparison of signalling mechanisms involved in rat mesenteric microvessel contraction by noradrenaline and sphingosylphosphorylcholine. British Journal of Pharmacology, 2003, 138, 261-271.	2.7	21
140	The Î±_{1B}â€adrenoceptor subtype mediates adrenergic vasoconstriction in mouse retinal arterioles with damaged endothelium. British Journal of Pharmacology, 2014, 171, 3858-3867.	2.7	21
141	Therapeutic Modulation of Urinary Bladder Function: Multiple Targets at Multiple Levels. Annual Review of Pharmacology and Toxicology, 2015, 55, 269-287.	4.2	21
142	Cardiac Î²₃â€adrenoceptorsâ€”A role in human pathophysiology?. British Journal of Pharmacology, 2019, 176, 2482-2495.	2.7	21
143	Prejunctional and peripheral effects of the cannabinoid CB1 receptor inverse agonist rimonabant (SR) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	20
144	Therapeutic targets for overactive bladder other than smooth muscle. Expert Opinion on Therapeutic Targets, 2015, 19, 687-705.	1.5	20

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145	Selectivity of pharmacological tools: implications for use in cell physiology. A Review in the Theme: Cell Signaling: Proteins, Pathways and Mechanisms. American Journal of Physiology - Cell Physiology, 2015, 308, C505-C520.	2.1	20
146	Problem- vs. lecture-based pharmacology teaching in a German medical school. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 366, 64-68.	1.4	19
147	Muscarinic receptors stimulate cell proliferation in the human urothelium-derived cell line UROtsa. Pharmacological Research, 2011, 64, 420-425.	3.1	19
148	Muscarinic receptor subtypes and signalling involved in the attenuation of isoprenaline-induced rat urinary bladder relaxation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 555-563.	1.4	19
149	Transient relaxation of rat mesenteric microvessels by ceramides. British Journal of Pharmacology, 2002, 135, 417-426.	2.7	18
150	Similarities and differences in the autonomic control of airway and urinary bladder smooth muscle. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 217-224.	1.4	18
151	Î²3-Adrenoceptor-mediated relaxation of rat and human urinary bladder: roles of BKCa channels and Rho kinase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 749-759.	1.4	18
152	Normalization of organ bath contraction data for tissue specimen size: does one approach fit all?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 243-251.	1.4	18
153	Is PP56 (D-myo-inositol-1, 2, 6-triphosphate) an antagonist at neuropeptide Y receptors?. Life Sciences, 1993, 52, 1835-1844.	2.0	17
154	Duloxetine in the Treatment of Stress Urinary Incontinence. Women's Health, 2005, 1, 345-358.	0.7	17
155	Indomethacin differentiates the renal effects of sphingosine-1-phosphate and sphingosylphosphorylcholine. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 373, 37-44.	1.4	17
156	Rat Î²3-adrenoceptor protein expression: antibody validation and distribution in rat gastrointestinal and urogenital tissues. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 1117-1127.	1.4	17
157	An Extract From the Bark of Aspidosperma Quebracho Blanco Binds to Human Penile Î±-Adrenoceptors. Journal of Urology, 2002, 168, 160-163.	0.2	16
158	Agonist-induced desensitization of human Î²3-adrenoceptors expressed in human embryonic kidney cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 843-851.	1.4	16
159	Modulation of noradrenaline-induced microvascular constriction by protein kinase inhibitors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 57-65.	1.4	15
160	Tolerability of Amine Uptake Inhibitors in Urologic Diseases. Current Drug Safety, 2006, 1, 73-85.	0.3	15
161	S1P receptor signalling and RGS proteins; expression and function in vascular smooth muscle cells and transfected CHO cells. European Journal of Pharmacology, 2008, 600, 1-9.	1.7	15
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