

# Martin C Michel

## List of Publications by Citations

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213  
papers

9,513  
citations

52  
h-index

87  
g-index

232  
ext. papers

10,571  
ext. citations

5.2  
avg, IF

6.38  
L-index

#	Paper	IF	Citations
213	EAU guidelines on the treatment and follow-up of non-neurogenic male lower urinary tract symptoms including benign prostatic obstruction. <i>European Urology</i> , <b>2013</b> , 64, 118-40	10.2	808
212	The molecular basis for the pharmacokinetics and pharmacodynamics of curcumin and its metabolites in relation to cancer. <i>Pharmacological Reviews</i> , <b>2014</b> , 66, 222-307	22.5	327
211	Alpha1-, alpha2- and beta-adrenoceptors in the urinary bladder, urethra and prostate. <i>British Journal of Pharmacology</i> , <b>2006</b> , 147 Suppl 2, S88-119	8.6	319
210	Receptors for neuropeptide Y: multiple subtypes and multiple second messengers. <i>Trends in Pharmacological Sciences</i> , <b>1991</b> , 12, 389-94	13.2	196
209	A systematic comparison of the properties of clinically used angiotensin II type 1 receptor antagonists. <i>Pharmacological Reviews</i> , <b>2013</b> , 65, 809-48	22.5	189
208	Mirabegron in overactive bladder: a review of efficacy, safety, and tolerability. <i>Neurourology and Urodynamics</i> , <b>2014</b> , 33, 17-30	2.3	176
207	A contemporary assessment of nocturia: definition, epidemiology, pathophysiology, and management--a systematic review and meta-analysis. <i>European Urology</i> , <b>2012</b> , 62, 877-90	10.2	173
206	Pharmacological treatment of overactive bladder: report from the International Consultation on Incontinence. <i>Current Opinion in Urology</i> , <b>2009</b> , 19, 380-94	2.8	143
205	Signal transduction underlying carbachol-induced contraction of human urinary bladder. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2004</b> , 309, 1148-53	4.7	142
204	EFFECT OF DIABETES ON LOWER URINARY TRACT SYMPTOMS IN PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA. <i>Journal of Urology</i> , <b>2000</b> , 163, 1725-1729	2.5	129
203	Impact of GPCRs in clinical medicine: monogenic diseases, genetic variants and drug targets. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 994-1005	3.8	127
202	Myocardial beta-adrenoceptor changes in heart failure: concomitant reduction in beta 1- and beta 2-adrenoceptor function related to the degree of heart failure in patients with mitral valve disease. <i>Journal of the American College of Cardiology</i> , <b>1989</b> , 14, 323-31	15.1	126
201	Signal transduction underlying the control of urinary bladder smooth muscle tone by muscarinic receptors and beta-adrenoceptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2008</b> , 377, 449-62	3.4	123
200	M(3) muscarinic receptors mediate contraction of human urinary bladder. <i>British Journal of Pharmacology</i> , <b>2002</b> , 136, 641-3	8.6	123
199	A comprehensive non-clinical evaluation of the CNS penetration potential of antimuscarinic agents for the treatment of overactive bladder. <i>British Journal of Clinical Pharmacology</i> , <b>2011</b> , 72, 235-46	3.8	114
198	Lack of specificity of commercially available antisera against muscarinergic and adrenergic receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2009</b> , 379, 397-402	3.4	112
197	Cardiovascular effects of sphingosine-1-phosphate and other sphingomyelin metabolites. <i>British Journal of Pharmacology</i> , <b>2004</b> , 143, 666-84	8.6	112

196	Is the use of parasympathomimetics for treating an underactive urinary bladder evidence-based?. <i>BJU International</i> , <b>2007</b> , 99, 749-52	5.6	110
195	A new method for isolation of human lymphocyte subsets reveals differential regulation of beta-adrenergic receptors by terbutaline treatment. <i>Clinical Pharmacology and Therapeutics</i> , <b>1989</b> , 46, 429-39	6.1	110
194	Elevation of plasma neuropeptide Y levels in congestive heart failure. <i>American Journal of Medicine</i> , <b>1989</b> , 86, 43-8	2.4	110
193	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. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 602-15	3.4	98
192	Nerve growth factor in bladder dysfunction: contributing factor, biomarker, and therapeutic target. <i>Neurourology and Urodynamics</i> , <b>2011</b> , 30, 1227-41	2.3	96
191	Effects of alpha(1)-adrenoceptor antagonists on male sexual function. <i>Drugs</i> , <b>2006</b> , 66, 287-301	12.1	95
190	Fesoterodine: a novel muscarinic receptor antagonist for the treatment of overactive bladder syndrome. <i>Expert Opinion on Pharmacotherapy</i> , <b>2008</b> , 9, 1787-96	4	90
189	Association of hypertension with symptoms of benign prostatic hyperplasia. <i>Journal of Urology</i> , <b>2004</b> , 172, 1390-3	2.5	87
188	Sphingosine-1-phosphate and sphingosylphosphorylcholine constrict renal and mesenteric microvessels in vitro. <i>British Journal of Pharmacology</i> , <b>2000</b> , 130, 1871-7	8.6	85
187	A comprehensive review of the preclinical efficacy profile of the ErbB family blocker afatinib in cancer. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2014</b> , 387, 505-21	3.4	84
186	Mitogen-activated protein kinases in the heart. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2001</b> , 363, 245-66	3.4	84
185	Rho kinase: a target for treating urinary bladder dysfunction?. <i>Trends in Pharmacological Sciences</i> , <b>2006</b> , 27, 492-7	13.2	83
184	Flexible-dose fesoterodine in elderly adults with overactive bladder: results of the randomized, double-blind, placebo-controlled study of fesoterodine in an aging population trial. <i>Journal of the American Geriatrics Society</i> , <b>2013</b> , 61, 185-93	5.6	81
183	Tools to study beta3-adrenoceptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2007</b> , 374, 385-98	9.4	81
182	A multicenter, double-blind, randomized, placebo-controlled trial of the $\beta$ -adrenoceptor agonist solabegron for overactive bladder. <i>European Urology</i> , <b>2012</b> , 62, 834-40	10.2	77
181	Sequence of echocardiographic changes during development of right ventricular failure in rat. <i>Journal of the American Society of Echocardiography</i> , <b>2006</b> , 19, 1272-9	5.8	76
180	Signal transduction underlying carbachol-induced contraction of rat urinary bladder. I. Phospholipases and Ca <sup>2+</sup> sources. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2004</b> , 308, 47-53	4.7	71
179	Physiological and pathological regulation of the autonomic control of urinary bladder contractility <b>2008</b> , 117, 297-312		70

178	Spare receptors for beta-adrenoceptor-mediated positive inotropic effects of catecholamines in the human heart. <i>Journal of Cardiovascular Pharmacology</i> , <b>1992</b> , 19, 222-32	3.1	70
177	Is alpha1D-adrenoceptor protein detectable in rat tissues?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1997</b> , 355, 438-46	3.4	68
176	Regulation of G protein-coupled receptor signalling: focus on the cardiovascular system and regulator of G protein signalling proteins. <i>European Journal of Pharmacology</i> , <b>2008</b> , 585, 278-91	5.3	67
175	Saw palmetto extracts potently and noncompetitively inhibit human alpha1-adrenoceptors in vitro. <i>Prostate</i> , <b>1999</b> , 38, 208-15	4.2	67
174	Prevalence and physician awareness of symptoms of urinary bladder dysfunction. <i>European Urology</i> , <b>2002</b> , 41, 234-9	10.2	63
173	Sphingosine-1-phosphate reduces rat renal and mesenteric blood flow in vivo in a pertussis toxin-sensitive manner. <i>British Journal of Pharmacology</i> , <b>2000</b> , 130, 1878-83	8.6	62
172	Does cyclic AMP mediate rat urinary bladder relaxation by isoproterenol?. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 313, 260-7	4.7	61
171	How valid are animal models to evaluate treatments for pulmonary hypertension?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2006</b> , 373, 391-400	3.4	58
170	Biased Agonism in Drug Discovery-Is It Too Soon to Choose a Path?. <i>Molecular Pharmacology</i> , <b>2018</b> , 93, 259-265	4.3	57
169	p38 MAP kinase is a mediator of ischemic preconditioning in pigs. <i>Cardiovascular Research</i> , <b>2002</b> , 55, 690-700	7.0	57
168	Pitfalls in the normalization of real-time polymerase chain reaction data. <i>Basic Research in Cardiology</i> , <b>2007</b> , 102, 195-7	11.8	55
167	Inconsistent relation of MAPK activation to infarct size reduction by ischemic preconditioning in pigs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H1111-9	5.2	55
166	The odd sibling: features of $\beta$ -adrenoceptor pharmacology. <i>Molecular Pharmacology</i> , <b>2014</b> , 86, 479-84	4.3	53
165	Basic mechanisms of urgency: preclinical and clinical evidence. <i>European Urology</i> , <b>2009</b> , 56, 298-307	10.2	53
164	Epac and the cardiovascular system. <i>Current Opinion in Pharmacology</i> , <b>2007</b> , 7, 193-200	5.1	52
163	Gender comparison of muscarinic receptor expression and function in rat and human urinary bladder: differential regulation of M2 and M3 receptors?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2003</b> , 367, 524-31	3.4	52
162	Decreased myometrial beta-adrenoceptors in women receiving beta 2-adrenergic tocolytic therapy: correlation with lymphocyte beta-adrenoceptors. <i>Clinical Pharmacology and Therapeutics</i> , <b>1989</b> , 45, 1-8	6.1	52
161	Drug-induced urinary incontinence. <i>Drugs and Aging</i> , <b>2008</b> , 25, 541-9	4.7	51

160	Arterial hypotension in chronic hemodialyzed patients. <i>Kidney International</i> , <b>1987</b> , 32, 728-35	9.9	50
159	Effects of gender, age and hypertension on beta-adrenergic receptor function in rat urinary bladder. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2006</b> , 373, 300-9	3.4	49
158	Cholinergic innervation and muscarinic receptors in the human prostate. <i>European Urology</i> , <b>2008</b> , 54, 326-34	10.2	48
157	Comparison of problem-and lecture-based pharmacology teaching. <i>Trends in Pharmacological Sciences</i> , <b>2002</b> , 23, 168-70	13.2	48
156	Comparison of the positive inotropic effects of serotonin, histamine, angiotensin II, endothelin and isoprenaline in the isolated human right atrium. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1993</b> , 347, 347-52	3.4	48
155	The prevention of migraine: a critical review with special emphasis on beta-adrenoceptor blockers. <i>British Journal of Clinical Pharmacology</i> , <b>2001</b> , 52, 237-43	3.8	46
154	alpha(1)-adrenoceptor subtypes differentially couple to growth promotion and inhibition in Chinese hamster ovary cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 272, 906-11	3.4	46
153	Myocardial dysfunction in donor hearts. A possible etiology. <i>Circulation</i> , <b>1999</b> , 99, 2565-70	16.7	46
152	Receptor subtypes Y1 and Y5 are involved in the renal effects of neuropeptide Y. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 1335-43	8.6	45
151	Effects of ageing on muscarinic receptor subtypes and function in rat urinary bladder. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2005</b> , 372, 71-8	3.4	45
150	Safety of telmisartan in patients with arterial hypertension : an open-label observational study. <i>Drug Safety</i> , <b>2004</b> , 27, 335-44	5.1	44
149	Do alpha1-adrenoceptor antagonists improve lower urinary tract symptoms by reducing bladder outlet resistance?. <i>Neurourology and Urodynamics</i> , <b>2008</b> , 27, 226-30	2.3	43
148	Signal transduction underlying carbachol-induced contraction of rat urinary bladder. II. Protein kinases. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2004</b> , 308, 54-8	4.7	43
147	Opportunities and Challenges for Drug Development: Public-Private Partnerships, Adaptive Designs and Big Data. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 461	5.6	42
146	Angiotensin II type 1 receptor antagonists in animal models of vascular, cardiac, metabolic and renal disease. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 164, 1-81	13.9	42
145	Comparison of three radioligands for the labelling of human beta-adrenoceptor subtypes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2006</b> , 374, 99-105	3.4	41
144	Muscarinic receptor subtypes in porcine detrusor: comparison with humans and regulation by bladder augmentation. <i>Urological Research</i> , <b>1998</b> , 26, 149-54		40
143	Radioreceptor assay analysis of tamsulosin and terazosin pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , <b>1998</b> , 45, 49-55	3.8	40

142	Nocturia: a non-specific but important symptom of urological disease. <i>International Journal of Urology</i> , <b>2009</b> , 16, 249-56	2.3	39
141	Sphingosine kinase-dependent activation of endothelial nitric oxide synthase by angiotensin II. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 2043-8	9.4	39
140	Treatment of lower urinary tract symptoms suggestive of benign prostatic hyperplasia: the cardiovascular system. <i>BJU International</i> , <b>2005</b> , 95 Suppl 4, 19-28	5.6	39
139	Renal alpha-adrenergic receptor alterations: a cause of essential hypertension?. <i>FASEB Journal</i> , <b>1989</b> , 3, 139-44	0.9	39
138	Do gene polymorphisms alone or in combination affect the function of human beta3-adrenoceptors?. <i>British Journal of Pharmacology</i> , <b>2009</b> , 156, 127-34	8.6	38
137	Long-term safety, tolerability and efficacy of flexible-dose fesoterodine in elderly patients with overactive bladder: open-label extension of the SOFIA trial. <i>Neurourology and Urodynamics</i> , <b>2014</b> , 33, 106-14	2.3	37
136	Pharmacokinetics and pharmacodynamics of tamsulosin in its modified-release and oral controlled absorption system formulations. <i>Clinical Pharmacokinetics</i> , <b>2010</b> , 49, 177-88	6.2	37
135	The effect of bladder outlet obstruction on alpha1- and beta-adrenoceptor expression and function. <i>Neurourology and Urodynamics</i> , <b>2009</b> , 28, 349-55	2.3	37
134	Comparison of symptom severity and treatment response in patients with incontinent and continent overactive bladder. <i>European Urology</i> , <b>2005</b> , 48, 110-5	10.2	36
133	β-Adrenoceptor agonists for overactive bladder syndrome: Role of translational pharmacology in a repositioning clinical drug development project. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 159, 66-82	13.9	35
132	A comprehensive review of the pharmacodynamics, pharmacokinetics, and clinical effects of the neutral endopeptidase inhibitor racecadotril. <i>Frontiers in Pharmacology</i> , <b>2012</b> , 3, 93	5.6	34
131	The pharmacological rationale for combining muscarinic receptor antagonists and β-adrenoceptor agonists in the treatment of airway and bladder disease. <i>Current Opinion in Pharmacology</i> , <b>2014</b> , 16, 31-42 <sup>51</sup>	5.1	33
130	Tocolytic therapy with fenoterol induces selective down-regulation of beta-adrenergic receptors in human myometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 1235-42	5.6	33
129	The β-adrenoceptor agonist mirabegron increases human atrial force through β-adrenoceptors: an indirect mechanism?. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 2706-2715	8.6	32
128	Role of muscarinic receptor antagonists in urgency and nocturia. <i>BJU International</i> , <b>2005</b> , 96 Suppl 1, 37-42	5.6	32
127	The forefront for novel therapeutic agents based on the pathophysiology of lower urinary tract dysfunction: alpha-blockers in the treatment of male voiding dysfunction - how do they work and why do they differ in tolerability?. <i>Journal of Pharmacological Sciences</i> , <b>2010</b> , 112, 151-7	3.7	31
126	Agonist high- and low-affinity states of dopamine D1 receptors: methods of detection and clinical implications. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2013</b> , 386, 135-54	3.4	30
125	Are there functional β-adrenoceptors in the human heart?. <i>British Journal of Pharmacology</i> , <b>2011</b> , 162, 817-22	8.6	30

124	Stimulation of alpha1A-adrenoceptors in Rat-1 cells inhibits extracellular signal-regulated kinase by activating p38 mitogen-activated protein kinase. <i>Molecular Pharmacology</i> , <b>1998</b> , 54, 755-60	4.3	30
123	Vascular effects of sphingolipids. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2007</b> , 96, 44-8	3.1	29
122	Neuropeptide Y (NPY) receptors in HEL cells: comparison of binding and functional parameters for full and partial agonists and a non-peptide antagonist. <i>British Journal of Pharmacology</i> , <b>1992</b> , 105, 71-6	8.6	29
121	Cardiovascular and ocular safety of $\beta$ -adrenoceptor antagonists in the treatment of male lower urinary tract symptoms. <i>Expert Opinion on Drug Safety</i> , <b>2014</b> , 13, 1187-97	4.1	28
120	Specificity evaluation of antibodies against human $\beta$ -adrenoceptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2012</b> , 385, 875-82	3.4	28
119	Effects of voluntary dose escalation in a placebo-controlled, flexible-dose trial of fesoterodine in subjects with overactive bladder. <i>Neurourology and Urodynamics</i> , <b>2011</b> , 30, 1480-5	2.3	28
118	Pharmacogenomics of G protein-coupled receptor ligands in cardiovascular medicine. <i>Pharmacological Reviews</i> , <b>2008</b> , 60, 513-35	22.5	28
117	Does phospholipase C mediate muscarinic receptor-induced rat urinary bladder contraction?. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 322, 998-1002	4.7	28
116	A role for muscarinic receptors or rho-kinase in hypertension associated rat bladder dysfunction?. <i>Journal of Urology</i> , <b>2005</b> , 173, 2178-81	2.5	28
115	Lysosphingolipid receptor-mediated diuresis and natriuresis in anaesthetized rats. <i>British Journal of Pharmacology</i> , <b>2001</b> , 132, 1925-33	8.6	28
114	CHARACTERIZATION OF $\beta$ -ADRENOCEPTOR SUBTYPES IN THE CORPUS CAVERNOSUM OF PATIENTS UNDERGOING SEX CHANGE SURGERY. <i>Journal of Urology</i> , <b>1999</b> , 162, 1793-1799	2.5	28
113	Differential calcium signalling by m2 and m3 muscarinic acetylcholine receptors in a single cell type. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1995</b> , 352, 469-76	3.4	28
112	In vitro and in vivo uroselectivity of B8805-033, an antagonist with high affinity at prostatic alpha1A- vs. alpha1B- and alpha1D-adrenoceptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2001</b> , 363, 649-62	3.4	27
111	Molecular mechanism of beta-adrenergic receptor blockers with intrinsic sympathomimetic activity. <i>FASEB Journal</i> , <b>1988</b> , 2, 2891-4	0.9	27
110	Prejunctional neuropeptide Y receptors in human kidney and atrium. <i>Journal of Cardiovascular Pharmacology</i> , <b>1997</b> , 29, 656-61	3.1	27
109	Safety and tolerability of $\beta$ -adrenoceptor agonists in the treatment of overactive bladder syndrome - insight from transcriptome and experimental studies. <i>Expert Opinion on Drug Safety</i> , <b>2016</b> , 15, 647-57	4.1	26
108	Activation of sphingosine kinase by muscarinic receptors enhances NO-mediated and attenuates EDHF-mediated vasorelaxation. <i>Basic Research in Cardiology</i> , <b>2009</b> , 104, 50-9	11.8	26
107	Expression profiling of G-protein-coupled receptors in human urothelium and related cell lines. <i>BJU International</i> , <b>2012</b> , 110, E293-300	5.6	25

106	Does concomitant stress incontinence alter the efficacy of tolterodine in patients with overactive bladder?. <i>Journal of Urology</i> , <b>2004</b> , 172, 601-4	2.5	24
105	Muscarinic receptor antagonists for overactive bladder treatment: does one fit all?. <i>Current Opinion in Urology</i> , <b>2009</b> , 19, 13-9	2.8	23
104	Nifedipine inhibits sphingosine-1-phosphate-induced renovascular contraction in vitro and in vivo. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2001</b> , 364, 179-82	3.4	23
103	Do $\beta$ -adrenoceptor agonists induce homologous or heterologous desensitization in rat urinary bladder?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2014</b> , 387, 215-24	3.4	22
102	$\beta$ -adrenoceptor agonist effects in experimental models of bladder dysfunction. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 131, 40-9	13.9	22
101	Lack of evidence that nebivolol is a $\beta$ -adrenoceptor agonist. <i>European Journal of Pharmacology</i> , <b>2011</b> , 654, 86-91	5.3	22
100	$\beta$ -Adrenergic Receptor Subtypes in the Urinary Tract. <i>Handbook of Experimental Pharmacology</i> , <b>2011</b> , 307-18	3.2	21
99	Functional correlates of alpha(2A)-adrenoceptor gene polymorphism in the HANE study. <i>Nephrology Dialysis Transplantation</i> , <b>1999</b> , 14, 2657-63	4.3	21
98	Sensitization by dexamethasone of lymphocyte cyclic AMP formation: evidence for increased function of the adenyl cyclase catalyst. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 240-6	8.6	21
97	Transient receptor potential vanilloid 1 mediates nerve growth factor-induced bladder hyperactivity and noxious input. <i>BJU International</i> , <b>2012</b> , 110, E422-8	5.6	20
96	Bradykinin modulates spontaneous nerve growth factor production and stretch-induced ATP release in human urothelium. <i>Pharmacological Research</i> , <b>2013</b> , 70, 147-54	10.2	20
95	Different muscarinic receptor subtypes modulate proliferation of primary human detrusor smooth muscle cells via Akt/PI3K and map kinases. <i>Pharmacological Research</i> , <b>2013</b> , 74, 1-6	10.2	20
94	Functional investigation of $\beta$ -adrenoceptors in human isolated detrusor focusing on the novel selective $\beta$ -adrenoceptor agonist KUC-7322. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2012</b> , 385, 759-67	3.4	20
93	The Neuro-Urological Connection. <i>European Urology Supplements</i> , <b>2005</b> , 4, 18-28	0.9	20
92	Extracts from <i>Rhois aromatica</i> and <i>Solidaginis virgaurea</i> inhibit rat and human bladder contraction. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 281-6	3.4	20
91	Comparison of signalling mechanisms involved in rat mesenteric microvessel contraction by noradrenaline and sphingosylphosphorylcholine. <i>British Journal of Pharmacology</i> , <b>2003</b> , 138, 261-71	8.6	20
90	A benefit-risk assessment of extended-release oxybutynin. <i>Drug Safety</i> , <b>2002</b> , 25, 867-76	5.1	20
89	The new radioligand [(3)H]-L 748,337 differentially labels human and rat $\beta$ -adrenoceptors. <i>European Journal of Pharmacology</i> , <b>2013</b> , 720, 124-30	5.3	19

88	Selectivity of pharmacological tools: implications for use in cell physiology. A review in the theme: Cell signaling: proteins, pathways and mechanisms. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 308, C505-20	5.4	18
87	Therapeutic modulation of urinary bladder function: multiple targets at multiple levels. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2015</b> , 55, 269-87	17.9	18
86	Muscarinic receptors stimulate cell proliferation in the human urothelium-derived cell line UROtsa. <i>Pharmacological Research</i> , <b>2011</b> , 64, 420-5	10.2	18
85	Modulation of lower urinary tract smooth muscle contraction and relaxation by the urothelium. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2018</b> , 391, 675-694	3.4	18
84	Human Urinary Bladder Strip Relaxation by the $\beta$ Adrenoceptor Agonist Isoprenaline: Methodological Considerations and Effects of Gender and Age. <i>Frontiers in Pharmacology</i> , <b>2011</b> , 2, 11	5.6	17
83	A systematic review of urinary bladder hypertrophy in experimental diabetes: Part 2. Comparison of animal models and functional consequences. <i>Neurourology and Urodynamics</i> , <b>2018</b> , 37, 2346-2360	2.3	17
82	Rat $\beta$ Adrenoceptor protein expression: antibody validation and distribution in rat gastrointestinal and urogenital tissues. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2014</b> , 387, 1117-27	3.4	16
81	Is PP56 (D-myo-inositol-1,2,6-trisphosphate) an antagonist at neuropeptide Y receptors?. <i>Life Sciences</i> , <b>1993</b> , 52, 1835-44	6.8	16
80	Muscarinic receptor subtypes and signalling involved in the attenuation of isoprenaline-induced rat urinary bladder relaxation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2011</b> , 384, 555-63	3.4	15
79	S1P receptor signalling and RGS proteins; expression and function in vascular smooth muscle cells and transfected CHO cells. <i>European Journal of Pharmacology</i> , <b>2008</b> , 600, 1-9	5.3	15
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