

William C De Groat

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.

409
papers

19,710
citations

76
h-index

120
g-index

417
ext. papers

21,409
ext. citations

3.6
avg, IF

6.87
L-index

#	Paper	IF	Citations
409	Downstream projection of Barrington's nucleus to the spinal cord in mice. <i>Journal of Neurophysiology</i> , 2021 , 126, 1959-1977	3.2	0
408	High-frequency stimulation induces axonal conduction block without generating initial action potentials. <i>Journal of Computational Neuroscience</i> , 2021 , 1	1.4	0
407	Superficial peroneal neuromodulation of persistent bladder underactivity induced by prolonged pudendal afferent nerve stimulation in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R675-R682	3.2	0
406	TRP Channel Agonists Activate Different Afferent Neuromodulatory Mechanisms in Guinea Pig Urinary Bladder. <i>Frontiers in Physiology</i> , 2021 , 12, 692719	4.6	1
405	Restoring both continence and micturition after chronic spinal cord injury by pudendal neuromodulation. <i>Experimental Neurology</i> , 2021 , 340, 113658	5.7	4
404	Mechanisms Underlying Poststimulation Block Induced by High-Frequency Biphasic Stimulation. <i>Neuromodulation</i> , 2021 ,	3.1	2
403	Bladder underactivity induced by prolonged pudendal afferent activity in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R80-R87	3.2	2
402	Prostate-Specific Deletion of Cdh1 Induces Murine Prostatic Inflammation and Bladder Overactivity. <i>Endocrinology</i> , 2021 , 162,	4.8	3
401	Model Analysis of Post-Stimulation Effect on Axonal Conduction and Block. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 2974-2985	5	2
400	Low pressure voiding induced by stimulation and 1kHz post-stimulation block of the pudendal nerves in cats. <i>Experimental Neurology</i> , 2021 , 346, 113860	5.7	2
399	LPS-mediated release of ATP from urothelial cells occurs by lysosomal exocytosis. <i>Neurourology and Urodynamics</i> , 2020 , 39, 1321-1329	2.3	7
398	Response of hypogastric afferent fibers to bladder distention or irritation in cats. <i>Experimental Neurology</i> , 2020 , 329, 113301	5.7	2
397	Poststimulation Block of Pudendal Nerve Conduction by High-Frequency (kHz) Biphasic Stimulation in Cats. <i>Neuromodulation</i> , 2020 , 23, 747-753	3.1	7
396	Additive Inhibition of Reflex Bladder Activity Induced by Bilateral Pudendal Neuromodulation in Cats. <i>Frontiers in Neuroscience</i> , 2020 , 14, 80	5.1	0
395	Superficial peroneal neuromodulation of nonobstructive urinary retention in cats. <i>Neurourology and Urodynamics</i> , 2020 , 39, 1679-1686	2.3	1
394	Prolonged nonobstructive urinary retention induced by tibial nerve stimulation in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R428-R434	3.2	3
393	Thermal block of mammalian unmyelinated C fibers by local cooling to 15-25°C after a brief heating at 45°C. <i>Journal of Neurophysiology</i> , 2020 , 123, 2173-2179	3.2	2

392	Propriospinal Neurons of L3-L4 Segments Involved in Control of the Rat External Urethral Sphincter. <i>Neuroscience</i> , 2020 , 425, 12-28	3.9	5
391	Effects of a new β -adrenoceptor agonist, vibegron, on neurogenic bladder dysfunction and remodeling in mice with spinal cord injury. <i>Neurourology and Urodynamics</i> , 2020 , 39, 2120-2127	2.3	4
390	Role of p38 MAP kinase signaling pathways in storage and voiding dysfunction in mice with spinal cord injury. <i>Neurourology and Urodynamics</i> , 2020 , 39, 108-115	2.3	4
389	Therapeutic effects of inhibition of brain-derived neurotrophic factor on voiding dysfunction in mice with spinal cord injury. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F1305-F1310	4.3	8
388	Bladder overactivity and afferent hyperexcitability induced by prostate-to-bladder cross-sensitization in rats with prostatic inflammation. <i>Journal of Physiology</i> , 2019 , 597, 2063-2078	3.9	21
387	Low pressure voiding induced by a novel implantable pudendal nerve stimulator. <i>Neurourology and Urodynamics</i> , 2019 , 38, 1241-1249	2.3	6
386	Analysis of continence reflexes by dynamic urethral pressure recordings in a rat stress urinary incontinence model induced by multiple simulated birth traumas. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F781-F788	4.3	1
385	Sympathetic afferents in the hypogastric nerve facilitate nociceptive bladder activity in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, F703-F711	4.3	4
384	Positive Association of Male Overactive Bladder Symptoms and Androgen Deprivation: A Nationwide Population-based Cohort Study. <i>Anticancer Research</i> , 2019 , 39, 305-311	2.3	1
383	The effect of neutralization of nerve growth factor (NGF) on bladder and urethral dysfunction in mice with spinal cord injury. <i>Neurourology and Urodynamics</i> , 2018 , 37, 1889-1896	2.3	20
382	Bladder underactivity after prolonged stimulation of somatic afferent axons in the tibial nerve in cats. <i>Neurourology and Urodynamics</i> , 2018 , 37, 2121-2127	2.3	6
381	Nerve growth factor-dependent hyperexcitability of capsaicin-sensitive bladder afferent neurones in mice with spinal cord injury. <i>Experimental Physiology</i> , 2018 , 103, 896-904	2.4	8
380	The effect of the electrophilic fatty acid nitro-oleic acid on TRP channel function in sensory neurons. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 ,	5	5
379	Sacral neuromodulation blocks pudendal inhibition of reflex bladder activity in cats: insight into the efficacy of sacral neuromodulation in Fowler's syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R34-R42	3.2	7
378	Effects of nerve growth factor neutralization on TRP channel expression in laser-captured bladder afferent neurons in mice with spinal cord injury. <i>Neuroscience Letters</i> , 2018 , 683, 100-103	3.3	10
377	Mechanisms of Action of Sacral Nerve and Peripheral Nerve Stimulation for Disorders of the Bladder and Bowel 2018 , 221-236		3
376	Involvement of TRPM4 in detrusor overactivity following spinal cord transection in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018 , 391, 1191-1202	3.4	13
375	Reduced bladder responses to capsaicin and GSK-1016790A in retired-breeder female rats with diminished volume sensitivity. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F1217-F1227	4.3	4

374	Role of proNGF/p75 signaling in bladder dysfunction after spinal cord injury. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1772-1786	15.9	22
373	Saphenous nerve stimulation normalizes bladder underactivity induced by tibial nerve stimulation in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F247-F253	4.3	7
372	BDNF overexpression in the bladder induces neuronal changes to mediate bladder overactivity. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F45-F56	4.3	18
371	Neurophysiology and Neuroanatomy of the Genitourinary Organs 2018 , 1437-1449		
370	Frequency Dependent Tibial Neuromodulation of Bladder Underactivity and Overactivity in Cats. <i>Neuromodulation</i> , 2018 , 21, 700-706	3.1	4
369	Post-stimulation block of frog sciatic nerve by high-frequency (kHz) biphasic stimulation. <i>Medical and Biological Engineering and Computing</i> , 2017 , 55, 585-593	3.1	20
368	Effects of liposome-based local suppression of nerve growth factor in the bladder on autonomic dysreflexia during urinary bladder distention in rats with spinal cord injury. <i>Experimental Neurology</i> , 2017 , 291, 44-50	5.7	5
367	Role of cannabinoid receptor type 1 in tibial and pudendal neuromodulation of bladder overactivity in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F482-F488	4.3	4
366	Glutamatergic Mechanisms Involved in Bladder Overactivity and Pudendal Neuromodulation in Cats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 362, 53-58	4.7	9
365	Sex difference in the contribution of GABA receptors to tibial neuromodulation of bladder overactivity in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R292-R300	3.2	7
364	Sacral neuromodulation of nociceptive bladder overactivity in cats. <i>Neurourology and Urodynamics</i> , 2017 , 36, 1270-1277	2.3	10
363	Morphological changes in different populations of bladder afferent neurons detected by herpes simplex virus (HSV) vectors with cell-type-specific promoters in mice with spinal cord injury. <i>Neuroscience</i> , 2017 , 364, 190-201	3.9	12
362	An excitatory reflex from the superficial peroneal nerve to the bladder in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F1161-F1168	4.3	7
361	New Frontiers of Basic Science Research in Neurogenic Lower Urinary Tract Dysfunction. <i>Urologic Clinics of North America</i> , 2017 , 44, 491-505	2.9	8
360	The role of capsaicin-sensitive C-fiber afferent pathways in the control of micturition in spinal-intact and spinal cord-injured mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F796-F804	4.3	23
359	Lumbosacral spinal segmental contributions to tibial and pudendal neuromodulation of bladder overactivity in cats. <i>Neurourology and Urodynamics</i> , 2017 , 36, 1496-1502	2.3	4
358	Neurotransmitter Mechanisms Underlying Sacral Neuromodulation of Bladder Overactivity in Cats. <i>Neuromodulation</i> , 2017 , 20, 81-87	3.1	13
357	Contribution of GABAA, Glycine, and Opioid Receptors to Sacral Neuromodulation of Bladder Overactivity in Cats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 359, 436-441	4.7	10

356	Effects of nicotinic receptor agonists on bladder afferent nerve activity in an in vitro bladder-pelvic nerve preparation. <i>Brain Research</i> , 2016 , 1637, 91-101	3.7	4
355	Role of the Anterior Cingulate Cortex in the Control of Micturition Reflex in a Rat Model of Parkinson's Disease. <i>Journal of Urology</i> , 2016 , 195, 1613-1620	2.5	16
354	Conduction block of mammalian myelinated nerve by local cooling to 15-30°C after a brief heating. <i>Journal of Neurophysiology</i> , 2016 , 115, 1436-45	3.2	9
353	Role of glycine in nociceptive and non-nociceptive bladder reflexes and pudendal afferent inhibition of these reflexes in cats. <i>Neurourology and Urodynamics</i> , 2016 , 35, 798-804	2.3	10
352	An HSV-based library screen identifies PP1 β as a negative TRPV1 regulator with analgesic activity in models of pain. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 16040	6.4	7
351	Effect of orchiectomy and testosterone replacement on lower urinary tract function in anesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F864-F870	4.3	8
350	Sympathetic β adrenergic mechanism in pudendal inhibition of nociceptive and non-nociceptive reflex bladder activity. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F78-84	4.3	15
349	Urothelial ATP exocytosis: regulation of bladder compliance in the urine storage phase. <i>Scientific Reports</i> , 2016 , 6, 29761	4.9	29
348	Pudendal but not tibial nerve stimulation inhibits bladder contractions induced by stimulation of pontine micturition center in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R366-74	3.2	12
347	Characterization of bladder and external urethral activity in mice with or without spinal cord injury--a comparison study with rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R752-8	3.2	44
346	Axonal model for temperature stimulation. <i>Journal of Computational Neuroscience</i> , 2016 , 41, 185-92	1.4	15
345	Influence of urothelial or suburothelial cholinergic receptors on bladder reflexes in chronic spinal cord injured cats. <i>Experimental Neurology</i> , 2016 , 285, 147-158	5.7	4
344	The effect of ovariectomy on urethral continence mechanisms during sneeze reflex in middle-aged versus young adult rats. <i>Neurourology and Urodynamics</i> , 2016 , 35, 122-7	2.3	3
343	Propranolol, but not naloxone, enhances spinal reflex bladder activity and reduces pudendal inhibition in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R42-9	3.2	14
342	Role of spinal metabotropic glutamate receptor 5 in pudendal inhibition of the nociceptive bladder reflex in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F832-8	4.3	6
341	Neural Reconstruction Methods of Restoring Bladder Function 2015 , 341-371		
340	Role of the brain stem in tibial inhibition of the micturition reflex in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, F242-50	4.3	19
339	Effect of botulinum toxin A on urothelial-release of ATP and expression of SNARE targets within the urothelium. <i>Neurourology and Urodynamics</i> , 2015 , 34, 79-84	2.3	49

338	Role of μ , κ and δ opioid receptors in tibial inhibition of bladder overactivity in cats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 355, 228-34	4.7	17
337	Pannexin 1 channels mediate the release of ATP into the lumen of the rat urinary bladder. <i>Journal of Physiology</i> , 2015 , 593, 1857-71	3.9	60
336	Conduction block in myelinated axons induced by high-frequency (kHz) non-symmetric biphasic stimulation. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 86	3.5	8
335	Impact of Bioelectronic Medicine on the Neural Regulation of Pelvic Visceral Function. <i>Bioelectronic Medicine</i> , 2015 , 2, 25-36	5.4	29
334	Anatomy and physiology of the lower urinary tract. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2015 , 130, 61-108	3	81
333	Effects of Duloxetine on Urethral Continence Reflex and Bladder Activity in Rats with Cerebral Infarction. <i>Journal of Urology</i> , 2015 , 194, 842-7	2.5	9
332	Neural reconstruction methods of restoring bladder function. <i>Nature Reviews Urology</i> , 2015 , 12, 100-18	5.5	23
331	Neural control of the lower urinary tract. <i>Comprehensive Physiology</i> , 2015 , 5, 327-96	7.7	256
330	Impact of Bioelectronic Medicine on the Neural Regulation of Pelvic Visceral Function. <i>Bioelectronic Medicine</i> , 2015 , 2015, 25-36	5.4	18
329	Effects of duloxetine and WAY100635 on pudendal inhibition of bladder overactivity in cats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 349, 402-7	4.7	10
328	Pudendal nerve stimulation and block by a wireless-controlled implantable stimulator in cats. <i>Neuromodulation</i> , 2014 , 17, 490-6; discussion 496	3.1	20
327	Activation of TRPC channels contributes to OA-NO ₂ -induced responses in guinea-pig dorsal root ganglion neurons. <i>Journal of Physiology</i> , 2014 , 592, 4297-312	3.9	6
326	Effect of non-symmetric waveform on conduction block induced by high-frequency (kHz) biphasic stimulation in unmyelinated axon. <i>Journal of Computational Neuroscience</i> , 2014 , 37, 377-86	1.4	15
325	Nitro-oleic acid desensitizes TRPA1 and TRPV1 agonist responses in adult rat DRG neurons. <i>Experimental Neurology</i> , 2014 , 251, 12-21	5.7	22
324	Electrical stimulation of somatic afferent nerves in the foot increases bladder capacity in healthy human subjects. <i>Journal of Urology</i> , 2014 , 191, 1009-13	2.5	15
323	Bladder smooth muscle strip contractility as a method to evaluate lower urinary tract pharmacology. <i>Journal of Visualized Experiments</i> , 2014 , e51807	1.6	14
322	Effects of agonists for estrogen receptor α and β on ovariectomy-induced lower urinary tract dysfunction in the rat. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F181-7	4.3	7
321	Combination of foot stimulation and tolterodine treatment eliminates bladder overactivity in cats. <i>Neurourology and Urodynamics</i> , 2014 , 33, 1266-71	2.3	5

320	Poststimulation inhibition of the micturition reflex induced by tibial nerve stimulation in rats. <i>Physiological Reports</i> , 2014 , 2, e00205	2.6	20
319	Pathophysiology and animal modeling of underactive bladder. <i>International Urology and Nephrology</i> , 2014 , 46 Suppl 1, S11-21	2.3	44
318	Role of spinal GABAA receptors in pudendal inhibition of nociceptive and nonnociceptive bladder reflexes in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F781-9	4.3	32
317	Somatic modulation of spinal reflex bladder activity mediated by nociceptive bladder afferent nerve fibers in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F673-9	4.3	30
316	Roles of adenosine A1 and A2A receptors in the control of micturition in rats. <i>Neurourology and Urodynamics</i> , 2014 , 33, 1259-65	2.3	16
315	Effects of herpes simplex virus vector-mediated enkephalin gene therapy on bladder overactivity and nociception. <i>Human Gene Therapy</i> , 2013 , 24, 170-80	4.8	16
314	Evidence for the role of mast cells in colon-bladder cross organ sensitization. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013 , 173, 6-13	2.4	20
313	Hyperexcitability of bladder afferent neurons associated with reduction of Kv1.4 β subunit in rats with spinal cord injury. <i>Journal of Urology</i> , 2013 , 190, 2296-304	2.5	29
312	An alpha1-adrenoceptor blocker terazosin improves urine storage function in the spinal cord in spinal cord injured rats. <i>Life Sciences</i> , 2013 , 92, 125-30	6.8	7
311	Role of opioid and metabotropic glutamate 5 receptors in pudendal inhibition of bladder overactivity in cats. <i>Journal of Urology</i> , 2013 , 189, 1574-9	2.5	34
310	Highlights in basic autonomic neuroscience: contribution of the urothelium to sensory mechanisms in the urinary bladder. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013 , 177, 67-71	2.4	11
309	Effect of methysergide on pudendal inhibition of micturition reflex in cats. <i>Experimental Neurology</i> , 2013 , 247, 250-8	5.7	12
308	Lower urinary tract dysfunction: From basic science to clinical management. Foreword. <i>International Journal of Urology</i> , 2013 , 20, 3	2.3	1
307	Future direction in pharmacotherapy for non-neurogenic male lower urinary tract symptoms. <i>European Urology</i> , 2013 , 64, 610-21	10.2	41
306	Nitric oxide modulates bladder afferent nerve activity in the in vitro urinary bladder-pelvic nerve preparation from rats with cyclophosphamide induced cystitis. <i>Brain Research</i> , 2013 , 1490, 83-94	3.7	14
305	Contribution of opioid and metabotropic glutamate receptor mechanisms to inhibition of bladder overactivity by tibial nerve stimulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R126-33	3.2	15
304	Involvement of 5-HT3 receptors in pudendal inhibition of bladder overactivity in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, F663-71	4.3	25
303	Inhibition of bladder overactivity by duloxetine in combination with foot stimulation or WAY-100635 treatment in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, F1663-8	4.3	9

302	Effects of urethane on reflex activity of lower urinary tract in decerebrate unanesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F390-6	4.3	30
301	Neural pathways involved in sacral neuromodulation of reflex bladder activity in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F710-7	4.3	47
300	Inhibition of bladder overactivity by stimulation of feline pudendal nerve using transdermal amplitude-modulated signal (TAMS). <i>BJU International</i> , 2012 , 109, 782-7	5.6	8
299	Inhibition of micturition reflex by activation of somatic afferents in posterior femoral cutaneous nerve. <i>Journal of Physiology</i> , 2012 , 590, 4945-55	3.9	10
298	Glycine transporter type 2 (GlyT2) inhibitor ameliorates bladder overactivity and nociceptive behavior in rats. <i>European Urology</i> , 2012 , 62, 704-12	10.2	22
297	Botulinum neurotoxin serotype A suppresses neurotransmitter release from afferent as well as efferent nerves in the urinary bladder. <i>European Urology</i> , 2012 , 62, 1157-64	10.2	58
296	Post-stimulation inhibitory effect on reflex bladder activity induced by activation of somatic afferent nerves in the foot. <i>Journal of Urology</i> , 2012 , 187, 338-43	2.5	17
295	Suppression of bladder overactivity by adenosine A2A receptor antagonist in a rat model of Parkinson disease. <i>Journal of Urology</i> , 2012 , 187, 1890-7	2.5	34
294	Combination of foot stimulation and tramadol treatment reverses irritation induced bladder overactivity in cats. <i>Journal of Urology</i> , 2012 , 188, 2426-32	2.5	10
293	Activation of neurokinin-1 receptors increases the excitability of guinea pig dorsal root ganglion cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 343, 44-52	4.7	13
292	Involvement of opioid receptors in inhibition of bladder overactivity induced by foot stimulation in cats. <i>Journal of Urology</i> , 2012 , 188, 1012-6	2.5	13
291	Percutaneous tibial nerve stimulation: a clinically and cost effective addition to the overactive bladder algorithm of care. <i>Current Urology Reports</i> , 2012 , 13, 327-34	2.9	57
290	Autonomic Control of the Lower Urinary Tract 2012 , 225-228		
289	Prejunctional facilitatory effect of a thiol-alkylating agent N-Ethylmaleimide on neurogenic contractions in rat prostate smooth muscle. <i>Neurourology and Urodynamics</i> , 2012 , 31, 579-85	2.3	
288	Bladder inhibition by intermittent pudendal nerve stimulation in cat using transdermal amplitude-modulated signal (TAMS). <i>Neurourology and Urodynamics</i> , 2012 , 31, 1181-4	2.3	5
287	Plasticity in reflex pathways to the lower urinary tract following spinal cord injury. <i>Experimental Neurology</i> , 2012 , 235, 123-32	5.7	92
286	Inhibition of bladder overactivity by a combination of tibial neuromodulation and tramadol treatment in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1576-82	4.3	18
285	Differential role of opioid receptors in tibial nerve inhibition of nociceptive and nonnociceptive bladder reflexes in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1090-7	4.3	47

284	209 RELEASE OF MAST CELL INFLAMMATORY MEDIATORS CONTRIBUTES TO ENHANCED SENSORY MECHANISMS IN THE URINARY BLADDER AFTER COLON IRRITATION. <i>Journal of Urology</i> , 2011 , 185,	2.5	1
283	Effect of ovariectomy on external urethral sphincter activity in anesthetized female rats. <i>Journal of Urology</i> , 2011 , 186, 334-40	2.5	14
282	Irritation induced bladder overactivity is suppressed by tibial nerve stimulation in cats. <i>Journal of Urology</i> , 2011 , 186, 326-30	2.5	45
281	Effects of ovariectomy and estrogen replacement on the urethral continence reflex during sneezing in rats. <i>Journal of Urology</i> , 2011 , 186, 1517-23	2.5	10
280	Plasticity of urinary bladder reflexes evoked by stimulation of pudendal afferent nerves after chronic spinal cord injury in cats. <i>Experimental Neurology</i> , 2011 , 228, 109-17	5.7	34
279	Suppression of bladder overactivity by activation of somatic afferent nerves in the foot. <i>BJU International</i> , 2011 , 107, 303-9	5.6	28
278	Involvement of metabotropic glutamate receptor 5 in pudendal inhibition of nociceptive bladder activity in cats. <i>Journal of Physiology</i> , 2011 , 589, 5833-43	3.9	31
277	Mechanism of conduction block in amphibian myelinated axon induced by biphasic electrical current at ultra-high frequency. <i>Journal of Computational Neuroscience</i> , 2011 , 31, 615-23	1.4	26
276	Urethral compensatory mechanisms to maintain urinary continence after pudendal nerve injury in female rats. <i>International Urogynecology Journal</i> , 2011 , 22, 963-70	2	7
275	Urothelial beta-3 adrenergic receptors in the rat bladder. <i>Neurourology and Urodynamics</i> , 2011 , 30, 144-50	3	42
274	Tadalafil for the treatment of lower urinary tract symptoms secondary to benign prostatic hyperplasia: pathophysiology and mechanism(s) of action. <i>Neurourology and Urodynamics</i> , 2011 , 30, 292-301	3.3	162
273	Neuromodulation of bladder activity by stimulation of feline pudendal nerve using a transdermal amplitude modulated signal (TAMS). <i>Neurourology and Urodynamics</i> , 2011 , 30, 1686-94	2.3	13
272	How does neuromodulation work. <i>Neurourology and Urodynamics</i> , 2011 , 30, 762-5	2.3	49
271	Developmental and spinal cord injury-induced changes in nitric oxide-mediated inhibition in rat urinary bladder. <i>Neurourology and Urodynamics</i> , 2011 , 30, 1666-74	2.3	9
270	Strain-dependent urethral response. <i>Neurourology and Urodynamics</i> , 2011 , 30, 1652-8	2.3	4
269	Activation of CaMKII and ERK1/2 contributes to the time-dependent potentiation of Ca ²⁺ response elicited by repeated application of capsaicin in rat DRG neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R644-54	3.2	25
268	Prolonged poststimulation inhibition of bladder activity induced by tibial nerve stimulation in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, F385-92	4.3	58
267	Differential effect of L-cysteine in isolated whole-bladder preparations from neonatal and adult rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 228-35	4.7	5

266	Role of 5-HT _{1A} receptors in control of lower urinary tract function in anesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F771-8	4.3	36
265	Neural control of the female urethral and anal rhabdosphincters and pelvic floor muscles. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R416-38	3.2	84
264	Effects of bladder outlet obstruction on properties of Ca ²⁺ -activated K ⁺ channels in rat bladder. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1310-9	3.2	25
263	Alpha ₂ -adrenoceptor blockade potentiates the effect of duloxetine on sneeze induced urethral continence reflex in rats. <i>Journal of Urology</i> , 2010 , 184, 762-8	2.5	13
262	Influence of naloxone on inhibitory pudendal-to-bladder reflex in cats. <i>Experimental Neurology</i> , 2010 , 224, 282-91	5.7	31
261	Suppression of detrusor-sphincter dyssynergia by herpes simplex virus vector mediated gene delivery of glutamic acid decarboxylase in spinal cord injured rats. <i>Journal of Urology</i> , 2010 , 184, 1204-10	2.5	19
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