William C De Groat

List of Publications by Year
in descending order

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416 papers	23,223 citations	5876 81 h-index	14156 128 g-index
417 all docs	417 docs citations	417 times ranked	7548 citing authors

#	Article	IF	Citations
1	Mechanisms Underlying Poststimulation BlockÂInduced by High-Frequency Biphasic Stimulation. Neuromodulation, 2023, 26, 577-588.	0.4	7
2	Superficial Peroneal Neuromodulation of Nonobstructive Urinary Retention Induced by Prolonged Pudendal Afferent Activity in Cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, , .	0.9	1
3	Temperature Effect on Nerve Conduction BlockÂInduced by High-Frequency (kHz) Biphasic Stimulation. Neuromodulation, 2022, , .	0.4	1
4	Sacral neuromodulation of bladder underactivity induced by prolonged pudendal afferent firing in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 322, R535-R541.	0.9	3
5	Bladder underactivity induced by prolonged pudendal afferent activity in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R80-R87.	0.9	6
6	Prostate-Specific Deletion of Cdh1 Induces Murine Prostatic Inflammation and Bladder Overactivity. Endocrinology, 2021, 162, .	1.4	9
7	Superficial peroneal neuromodulation of persistent bladder underactivity induced by prolonged pudendal afferent nerve stimulation in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R675-R682.	0.9	2
8	TRP Channel Agonists Activate Different Afferent Neuromodulatory Mechanisms in Guinea Pig Urinary Bladder. Frontiers in Physiology, 2021, 12, 692719.	1.3	4
9	Restoring both continence and micturition after chronic spinal cord injury by pudendal neuromodulation. Experimental Neurology, 2021, 340, 113658.	2.0	12
10	Deciphering Spinal Endogenous Dopaminergic Mechanisms That Modulate Micturition Reflexes in Rats with Spinal Cord Injury. ENeuro, 2021, 8, ENEURO.0157-21.2021.	0.9	5
11	Model Analysis of Post-Stimulation Effect on Axonal Conduction and Block. IEEE Transactions on Biomedical Engineering, 2021, 68, 2974-2985.	2.5	6
12	Low pressure voiding induced by stimulation and 1ÂkHz post-stimulation block of the pudendal nerves in cats. Experimental Neurology, 2021, 346, 113860.	2.0	5
13	Downstream projection of Barringtonâ€™s nucleus to the spinal cord in mice. Journal of Neurophysiology, 2021, 126, 1959-1977.	0.9	6
14	High-frequency stimulation induces axonal conduction block without generating initial action potentials. Journal of Computational Neuroscience, 2021, , 1.	0.6	3
15	Defecation Induced by Stimulation of Sacral S2 Spinal Root in Cats. American Journal of Physiology - Renal Physiology, 2021, , .	1.6	2
16	Role of p38 MAP kinase signaling pathways in storage and voiding dysfunction in mice with spinal cord injury. Neurourology and Urodynamics, 2020, 39, 108-115.	0.8	10
17	Propriospinal Neurons of L3-L4 Segments Involved in Control of the Rat External Urethral Sphincter. Neuroscience, 2020, 425, 12-28.	1.1	20
18	Effects of a new Î²3â€adrenoceptor agonist, vibegron, on neurogenic bladder dysfunction and remodeling in mice with spinal cord injury. Neurourology and Urodynamics, 2020, 39, 2120-2127.	0.8	13

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19	LPSâ€mediated release of ATP from urothelial cells occurs by lysosomal exocytosis. Neurourology and Urodynamics, 2020, 39, 1321-1329.	0.8	15
20	Response of hypogastric afferent fibers to bladder distention or irritation in cats. Experimental Neurology, 2020, 329, 113301.	2.0	2
21	Poststimulation Block of Pudendal Nerve Conduction by High-Frequency (kHz) Biphasic Stimulation in Cats. Neuromodulation, 2020, 23, 747-753.	0.4	13
22	Additive Inhibition of Reflex Bladder Activity Induced by Bilateral Pudendal Neuromodulation in Cats. Frontiers in Neuroscience, 2020, 14, 80.	1.4	2
23	Superficial peroneal neuromodulation of nonobstructive urinary retention in cats. Neurourology and Urodynamics, 2020, 39, 1679-1686.	0.8	3
24	Prolonged nonobstructive urinary retention induced by tibial nerve stimulation in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R428-R434.	0.9	8
25	Thermal block of mammalian unmyelinated C fibers by local cooling to 15â€“25Â°C after a brief heating at 45Â°C. Journal of Neurophysiology, 2020, 123, 2173-2179.	0.9	6
26	Analysis of continence reflexes by dynamic urethral pressure recordings in a rat stress urinary incontinence model induced by multiple simulated birth traumas. American Journal of Physiology - Renal Physiology, 2019, 317, F781-F788.	1.3	2
27	Therapeutic effects of inhibition of brain-derived neurotrophic factor on voiding dysfunction in mice with spinal cord injury. American Journal of Physiology - Renal Physiology, 2019, 317, F1305-F1310.	1.3	18
28	Bladder overactivity and afferent hyperexcitability induced by prostateâ€toâ€bladder crossâ€sensitization in rats with prostatic inflammation. Journal of Physiology, 2019, 597, 2063-2078.	1.3	35
29	Low pressure voiding induced by a novel implantable pudendal nerve stimulator. Neurourology and Urodynamics, 2019, 38, 1241-1249.	0.8	11
30	Sympathetic afferents in the hypogastric nerve facilitate nociceptive bladder activity in cats. American Journal of Physiology - Renal Physiology, 2019, 316, F703-F711.	1.3	5
31	Positive Association of Male Overactive Bladder Symptoms and Androgen Deprivation: A Nationwide Population-based Cohort Study. Anticancer Research, 2019, 39, 305-311.	0.5	7
32	The effect of neutralization of nerve growth factor (NGF) on bladder and urethral dysfunction in mice with spinal cord injury. Neurourology and Urodynamics, 2018, 37, 1889-1896.	0.8	34
33	Bladder underactivity after prolonged stimulation of somatic afferent axons in the tibial nerve in cats. Neurourology and Urodynamics, 2018, 37, 2121-2127.	0.8	9
34	Nerve growth factorâ€dependent hyperexcitability of capsaicinâ€sensitive bladder afferent neurones in mice with spinal cord injury. Experimental Physiology, 2018, 103, 896-904.	0.9	14
35	The effect of the electrophilic fatty acid nitro-oleic acid on TRP channel function in sensory neurons. Nitric Oxide - Biology and Chemistry, 2018, 78, 154-160.	1.2	5
36	Sacral neuromodulation blocks pudendal inhibition of reflex bladder activity in cats: insight into the efficacy of sacral neuromodulation in Fowlerâ€™s syndrome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R34-R42.	0.9	11

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37	Saphenous nerve stimulation normalizes bladder underactivity induced by tibial nerve stimulation in cats. American Journal of Physiology - Renal Physiology, 2018, 315, F247-F253.	1.3	8
38	BDNF overexpression in the bladder induces neuronal changes to mediate bladder overactivity. American Journal of Physiology - Renal Physiology, 2018, 315, F45-F56.	1.3	24
39	Neurophysiology and Neuroanatomy of the Genitourinary Organs. , 2018, , 1437-1449.		0
40	Frequency Dependent Tibial Neuromodulation of Bladder Underactivity and Overactivity in Cats. Neuromodulation, 2018, 21, 700-706.	0.4	7
41	Effects of nerve growth factor neutralization on TRP channel expression in laser-captured bladder afferent neurons in mice with spinal cord injury. Neuroscience Letters, 2018, 683, 100-103.	1.0	14
42	Mechanisms of Action of Sacral Nerve and Peripheral Nerve Stimulation for Disorders of the Bladder and Bowel. , 2018, , 221-236.		4
43	Involvement of TRPM4 in detrusor overactivity following spinal cord transection in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 1191-1202.	1.4	18
44	Reduced bladder responses to capsaicin and GSK-1016790A in retired-breeder female rats with diminished volume sensitivity. American Journal of Physiology - Renal Physiology, 2018, 315, F1217-F1227.	1.3	5
45	Role of proNGF/p75 signaling in bladder dysfunction after spinal cord injury. Journal of Clinical Investigation, 2018, 128, 1772-1786.	3.9	34
46	Post-stimulation block of frog sciatic nerve by high-frequency (kHz) biphasic stimulation. Medical and Biological Engineering and Computing, 2017, 55, 585-593.	1.6	28
47	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. Experimental Neurology, 2017, 291, 44-50.	2.0	9
48	Role of cannabinoid receptor type 1 in tibial and pudendal neuromodulation of bladder overactivity in cats. American Journal of Physiology - Renal Physiology, 2017, 312, F482-F488.	1.3	7
49	Glutamatergic Mechanisms Involved in Bladder Overactivity and Pudendal Neuromodulation in Cats. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 53-58.	1.3	12
50	Sex difference in the contribution of GABA_B receptors to tibial neuromodulation of bladder overactivity in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R292-R300.	0.9	8
51	Sacral neuromodulation of nociceptive bladder overactivity in cats. Neurourology and Urodynamics, 2017, 36, 1270-1277.	0.8	13
52	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. Neuroscience, 2017, 364, 190-201.	1.1	17
53	An excitatory reflex from the superficial peroneal nerve to the bladder in cats. American Journal of Physiology - Renal Physiology, 2017, 313, F1161-F1168.	1.3	8
54	New Frontiers of Basic Science Research in Neurogenic Lower Urinary TractÂDysfunction. Urologic Clinics of North America, 2017, 44, 491-505.	0.8	16

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55	The role of capsaicin-sensitive C-fiber afferent pathways in the control of micturition in spinal-intact and spinal cord-injured mice. American Journal of Physiology - Renal Physiology, 2017, 313, F796-F804.	1.3	37
56	Lumbosacral spinal segmental contributions to tibial and pudendal neuromodulation of bladder overactivity in cats. Neurourology and Urodynamics, 2017, 36, 1496-1502.	0.8	8
57	Neurotransmitter Mechanisms Underlying Sacral Neuromodulation of Bladder Overactivity in Cats. Neuromodulation, 2017, 20, 81-87.	0.4	17
58	Conduction block of mammalian myelinated nerve by local cooling to 15â€“30Â°C after a brief heating. Journal of Neurophysiology, 2016, 115, 1436-1445.	0.9	15
59	Role of glycine in nociceptive and non-nociceptive bladder reflexes and pudendal afferent inhibition of these reflexes in cats. Neurourology and Urodynamics, 2016, 35, 798-804.	0.8	12
60	An HSV-based library screen identifies PP1Î± as a negative TRPV1 regulator with analgesic activity in models of pain. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16040.	1.8	9
61	Effect of orchiectomy and testosterone replacement on lower urinary tract function in anesthetized rats. American Journal of Physiology - Renal Physiology, 2016, 311, F864-F870.	1.3	11
62	Sympathetic Î²-adrenergic mechanism in pudendal inhibition of nociceptive and non-nociceptive reflex bladder activity. American Journal of Physiology - Renal Physiology, 2016, 311, F78-F84.	1.3	17
63	Urothelial ATP exocytosis: regulation of bladder compliance in the urine storage phase. Scientific Reports, 2016, 6, 29761.	1.6	35
64	Pudendal but not tibial nerve stimulation inhibits bladder contractions induced by stimulation of pontine micturition center in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R366-R374.	0.9	16
65	Characterization of bladder and external urethral activity in mice with or without spinal cord injuryâ€”a comparison study with rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R752-R758.	0.9	59
66	Axonal model for temperature stimulation. Journal of Computational Neuroscience, 2016, 41, 185-192.	0.6	27
67	Influence of urothelial or suburothelial cholinergic receptors on bladder reflexes in chronic spinal cord injured cats. Experimental Neurology, 2016, 285, 147-158.	2.0	5
68	The effect of ovariectomy on urethral continence mechanisms during sneeze reflex in middleâ€aged versus young adult rats. Neurourology and Urodynamics, 2016, 35, 122-127.	0.8	5
69	Contribution of GABAA, Glycine, and Opioid Receptors to Sacral Neuromodulation of Bladder Overactivity in Cats. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 436-441.	1.3	19
70	Effects of nicotinic receptor agonists on bladder afferent nerve activity in an in vitro bladderâ€“pelvic nerve preparation. Brain Research, 2016, 1637, 91-101.	1.1	7
71	Role of the Anterior Cingulate Cortex in the Control of Micturition Reflex in a Rat Model of Parkinson's Disease. Journal of Urology, 2016, 195, 1613-1620.	0.2	24
72	Neural Control of the Lower Urinary Tract. , 2015, 5, 327-396.		337

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73	Role of Âµ, Î´, and Î´ Opioid Receptors in Tibial Inhibition of Bladder Overactivity in Cats. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 228-234.	1.3	20
74	Pannexin 1 channels mediate the release of ATP into the lumen of the rat urinary bladder. Journal of Physiology, 2015, 593, 1857-1871.	1.3	75
75	Conduction block in myelinated axons induced by high-frequency (kHz) non-symmetric biphasic stimulation. Frontiers in Computational Neuroscience, 2015, 9, 86.	1.2	12
76	Impact of Bioelectronic Medicine on the Neural Regulation of Pelvic Visceral Function. Bioelectronic Medicine, 2015, 2, 25-36.	1.0	41
77	Anatomy and physiology of the lower urinary tract. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 130, 61-108.	1.0	113
78	Effects of Duloxetine on Urethral Continence Reflex and Bladder Activity in Rats with Cerebral Infarction. Journal of Urology, 2015, 194, 842-847.	0.2	12
79	Neural reconstruction methods of restoring bladder function. Nature Reviews Urology, 2015, 12, 100-118.	1.9	31
80	Propranolol, but not naloxone, enhances spinal reflex bladder activity and reduces pudendal inhibition in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R42-R49.	0.9	17
81	Role of spinal metabotropic glutamate receptor 5 in pudendal inhibition of the nociceptive bladder reflex in cats. American Journal of Physiology - Renal Physiology, 2015, 308, F832-F838.	1.3	8
82	Neural Reconstruction Methods of Restoring Bladder Function. , 2015, , 341-371.		0
83	Role of the brain stem in tibial inhibition of the micturition reflex in cats. American Journal of Physiology - Renal Physiology, 2015, 309, F242-F250.	1.3	22
84	Effect of botulinum toxin A on urothelial-release of ATP and expression of SNARE targets within the urothelium. Neurourology and Urodynamics, 2015, 34, 79-84.	0.8	61
85	Impact of Bioelectronic Medicine on the Neural Regulation of Pelvic Visceral Function. Bioelectronic Medicine, 2015, 2015, 25-36.	1.0	20
86	Effects of agonists for estrogen receptor Î± and Î² on ovariectomy-induced lower urinary tract dysfunction in the rat. American Journal of Physiology - Renal Physiology, 2014, 306, F181-F187.	1.3	7
87	Combination of foot stimulation and tolterodine treatment eliminates bladder overactivity in cats. Neurourology and Urodynamics, 2014, 33, 1266-1271.	0.8	5
88	Poststimulation inhibition of the micturition reflex induced by tibial nerve stimulation in rats. Physiological Reports, 2014, 2, e00205.	0.7	24
89	Pathophysiology and animal modeling of underactive bladder. International Urology and Nephrology, 2014, 46, 11-21.	0.6	54
90	Role of spinal GABA_Areceptors in pudendal inhibition of nociceptive and nonnociceptive bladder reflexes in cats. American Journal of Physiology - Renal Physiology, 2014, 306, F781-F789.	1.3	34

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91	Somatic modulation of spinal reflex bladder activity mediated by nociceptive bladder afferent nerve fibers in cats. American Journal of Physiology - Renal Physiology, 2014, 307, F673-F679.	1.3	32
92	Roles of adenosine A1 and A2A receptors in the control of micturition in rats. Neurourology and Urodynamics, 2014, 33, 1259-1265.	0.8	22
93	Effects of Duloxetine and WAY100635 on Pudendal Inhibition of Bladder Overactivity in Cats. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 402-407.	1.3	12
94	Pudendal Nerve Stimulation and Block by a Wireless-Controlled Implantable Stimulator in Cats. Neuromodulation, 2014, 17, 490-496.	0.4	23
95	Activation of TRPC channels contributes to OAâ€NO‹sub›2‹/sub›â€induced responses in guineaâ€pig dorsal root ganglion neurons. Journal of Physiology, 2014, 592, 4297-4312.	1.3	9
96	Effect of non-symmetric waveform on conduction block induced by high-frequency (kHz) biphasic stimulation in unmyelinated axon. Journal of Computational Neuroscience, 2014, 37, 377-386.	0.6	16
97	Nitro-oleic acid desensitizes TRPA1 and TRPV1 agonist responses in adult rat DRG neurons. Experimental Neurology, 2014, 251, 12-21.	2.0	23
98	Electrical Stimulation of Somatic Afferent Nerves in the Foot Increases Bladder Capacity in Healthy Human Subjects. Journal of Urology, 2014, 191, 1009-1013.	0.2	17
99	Bladder Smooth Muscle Strip Contractility as a Method to Evaluate Lower Urinary Tract Pharmacology. Journal of Visualized Experiments, 2014, , e51807.	0.2	25
100	Effects of Herpes Simplex Virus Vectorâ€"Mediated Enkephalin Gene Therapy on Bladder Overactivity and Nociception. Human Gene Therapy, 2013, 24, 170-180.	1.4	18
101	Evidence for the role of mast cells in colonâ€"bladder cross organ sensitization. Autonomic Neuroscience: Basic and Clinical, 2013, 173, 6-13.	1.4	26
102	Hyperexcitability of Bladder Afferent Neurons Associated with Reduction of Kv1.4 Î±-Subunit in Rats with Spinal Cord Injury. Journal of Urology, 2013, 190, 2296-2304.	0.2	40
103	An alpha1-adrenoceptor blocker terazosin improves urine storage function in the spinal cord in spinal cord injured rats. Life Sciences, 2013, 92, 125-130.	2.0	10
104	Role of Opioid and Metabotropic Glutamate 5 Receptors in Pudendal Inhibition of Bladder Overactivity in Cats. Journal of Urology, 2013, 189, 1574-1579.	0.2	43
105	Highlights in basic autonomic neuroscience: Contribution of the urothelium to sensory mechanisms in the urinary bladder. Autonomic Neuroscience: Basic and Clinical, 2013, 177, 67-71.	1.4	12
106	Effect of methysergide on pudendal inhibition of micturition reflex in cats. Experimental Neurology, 2013, 247, 250-258.	2.0	12
107	Lower urinary tract dysfunction: From basic science to clinical management. International Journal of Urology, 2013, 20, 3-3.	0.5	1
108	Future Direction in Pharmacotherapy for Non-neurogenic Male Lower Urinary Tract Symptoms. European Urology, 2013, 64, 610-621.	0.9	50

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109	Nitric oxide modulates bladder afferent nerve activity in the in vitro urinary bladderâ€“pelvic nerve preparation from rats with cyclophosphamide induced cystitis. Brain Research, 2013, 1490, 83-94.	1.1	17
110	Contribution of opioid and metabotropic glutamate receptor mechanisms to inhibition of bladder overactivity by tibial nerve stimulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R126-R133.	0.9	18
111	Involvement of 5-HT3 receptors in pudendal inhibition of bladder overactivity in cats. American Journal of Physiology - Renal Physiology, 2013, 305, F663-F671.	1.3	27
112	Inhibition of bladder overactivity by duloxetine in combination with foot stimulation or WAY-100635 treatment in cats. American Journal of Physiology - Renal Physiology, 2013, 305, F1663-F1668.	1.3	9
113	Effects of urethane on reflex activity of lower urinary tract in decerebrate unanesthetized rats. American Journal of Physiology - Renal Physiology, 2013, 304, F390-F396.	1.3	37
114	Neural pathways involved in sacral neuromodulation of reflex bladder activity in cats. American Journal of Physiology - Renal Physiology, 2013, 304, F710-F717.	1.3	55
115	Inhibition of bladder overactivity by a combination of tibial neuromodulation and tramadol treatment in cats. American Journal of Physiology - Renal Physiology, 2012, 302, F1576-F1582.	1.3	19
116	Differential role of opioid receptors in tibial nerve inhibition of nociceptive and nonnociceptive bladder reflexes in cats. American Journal of Physiology - Renal Physiology, 2012, 302, F1090-F1097.	1.3	53
117	Inhibition of micturition reflex by activation of somatic afferents in posterior femoral cutaneous nerve. Journal of Physiology, 2012, 590, 4945-4955.	1.3	12
118	Glycine Transporter Type 2 (GlyT2) Inhibitor Ameliorates Bladder Overactivity and Nociceptive Behavior in Rats. European Urology, 2012, 62, 704-712.	0.9	28
119	Botulinum Neurotoxin Serotype A Suppresses Neurotransmitter Release from Afferent as Well as Efferent Nerves in the Urinary Bladder. European Urology, 2012, 62, 1157-1164.	0.9	71
120	Post-Stimulation Inhibitory Effect on Reflex Bladder Activity Induced by Activation of Somatic Afferent Nerves in the Foot. Journal of Urology, 2012, 187, 338-343.	0.2	18
121	Suppression of Bladder Overactivity by Adenosine A2A Receptor Antagonist in a Rat Model of Parkinson Disease. Journal of Urology, 2012, 187, 1890-1897.	0.2	41
122	Combination of Foot Stimulation and Tramadol Treatment Reverses Irritation Induced Bladder Overactivity in Cats. Journal of Urology, 2012, 188, 2426-2432.	0.2	11
123	Activation of Neurokinin-1 Receptors Increases the Excitability of Guinea Pig Dorsal Root Ganglion Cells. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 44-52.	1.3	14
124	Involvement of Opioid Receptors in Inhibition of Bladder Overactivity Induced by Foot Stimulation in Cats. Journal of Urology, 2012, 188, 1012-1016.	0.2	14
125	Percutaneous Tibial Nerve Stimulation: A Clinically and Cost Effective Addition to the Overactive Bladder Algorithm of Care. Current Urology Reports, 2012, 13, 327-334.	1.0	71
126	Autonomic Control of the Lower Urinary Tract. , 2012, , 225-228.		0

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127	Prejunctional facilitatory effect of a thiolâ€alkylating agent Nâ€ethylmaleimide on neurogenic contractions in rat prostate smooth muscle. Neurourology and Urodynamics, 2012, 31, 579-585.	0.8	0
128	Bladder inhibition by intermittent pudendal nerve stimulation in cat using transdermal amplitude-modulated signal (TAMS). Neurourology and Urodynamics, 2012, 31, 1181-1184.	0.8	7
129	Plasticity in reflex pathways to the lower urinary tract following spinal cord injury. Experimental Neurology, 2012, 235, 123-132.	2.0	123
130	Inhibition of bladder overactivity by stimulation of feline pudendal nerve using transdermal amplitudeâ€modulated signal (TAMS). BJU International, 2012, 109, 782-787.	1.3	9
131	209 RELEASE OF MAST CELL INFLAMMATORY MEDIATORS CONTRIBUTES TO ENHANCED SENSORY MECHANISMS IN THE URINARY BLADDER AFTER COLON IRRITATION. Journal of Urology, 2011, 185, .	0.2	1
132	Effect of Ovariectomy on External Urethral Sphincter Activity in Anesthetized Female Rats. Journal of Urology, 2011, 186, 334-340.	0.2	17
133	Irritation Induced Bladder Overactivity is Suppressed by Tibial Nerve Stimulation in Cats. Journal of Urology, 2011, 186, 326-330.	0.2	53
134	Effects of Ovariectomy and Estrogen Replacement on the Urethral Continence Reflex During Sneezing in Rats. Journal of Urology, 2011, 186, 1517-1523.	0.2	12
135	Plasticity of urinary bladder reflexes evoked by stimulation of pudendal afferent nerves after chronic spinal cord injury in cats. Experimental Neurology, 2011, 228, 109-117.	2.0	39
136	Suppression of bladder overactivity by activation of somatic afferent nerves in the foot. BJU International, 2011, 107, 303-309.	1.3	31
137	Involvement of metabotropic glutamate receptor 5 in pudendal inhibition of nociceptive bladder activity in cats. Journal of Physiology, 2011, 589, 5833-5843.	1.3	32
138	Mechanism of conduction block in amphibian myelinated axon induced by biphasic electrical current at ultra-high frequency. Journal of Computational Neuroscience, 2011, 31, 615-623.	0.6	28
139	Urethral compensatory mechanisms to maintain urinary continence after pudendal nerve injury in female rats. International Urogynecology Journal, 2011, 22, 963-970.	0.7	8
140	Urothelial betaâ€3 adrenergic receptors in the rat bladder. Neurourology and Urodynamics, 2011, 30, 144-150.	0.8	53
141	Tadalafil for the treatment of lower urinary tract symptoms secondary to benign prostatic hyperplasia: Pathophysiology and mechanism(s) of action. Neurourology and Urodynamics, 2011, 30, 292-301.	0.8	185
142	Neuromodulation of bladder activity by stimulation of feline pudendal nerve using a transdermal amplitude modulated signal (TAMS). Neurourology and Urodynamics, 2011, 30, 1686-1694.	0.8	15
143	How does neuromodulation work. Neurourology and Urodynamics, 2011, 30, 762-765.	0.8	62
144	Developmental and spinal cord injuryâ€induced changes in nitric oxideâ€mediated inhibition in rat urinary bladder. Neurourology and Urodynamics, 2011, 30, 1666-1674.	0.8	10

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145	Strainâ€dependent urethral response. Neurourology and Urodynamics, 2011, 30, 1652-1658.	0.8	4
146	Activation of CaMKII and ERK1/2 contributes to the time-dependent potentiation of Ca²⁺ response elicited by repeated application of capsaicin in rat DRG neurons. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R644-R654.	0.9	30
147	Prolonged poststimulation inhibition of bladder activity induced by tibial nerve stimulation in cats. American Journal of Physiology - Renal Physiology, 2011, 300, F385-F392.	1.3	66
148	Î²â^'Adrenergic receptor subtype expression in myocyte and non-myocyte cells in human female bladder. Cell and Tissue Research, 2010, 342, 295-306.	1.5	62
149	Effects of stimulation of muscarinic receptors on bladder afferent nerves in the in vitro bladderâ€"pelvic afferent nerve preparation of the rat. Brain Research, 2010, 1361, 43-53.	1.1	23
150	Changes in afferent activity after spinal cord injury. Neurourology and Urodynamics, 2010, 29, 63-76.	0.8	140
151	Comparison of voiding function and nociceptive behavior in two rat models of cystitis induced by cyclophosphamide or acetone. Neurourology and Urodynamics, 2010, 29, 501-505.	0.8	19
152	Differential Effect of l-Cysteine in Isolated Whole-Bladder Preparations from Neonatal and Adult Rats. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 228-235.	1.3	5
153	Role of 5-HT_{1A} receptors in control of lower urinary tract function in anesthetized rats. American Journal of Physiology - Renal Physiology, 2010, 298, F771-F778.	1.3	40
154	Neural control of the female urethral and anal rhabdosphincters and pelvic floor muscles. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R416-R438.	0.9	104
155	Effects of bladder outlet obstruction on properties of Ca²⁺-activated K⁺channels in rat bladder. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1310-R1319.	0.9	29
156	Î±2-Adrenoceptor Blockade Potentiates the Effect of Duloxetine on Sneeze Induced Urethral Continence Reflex in Rats. Journal of Urology, 2010, 184, 762-768.	0.2	19
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