Naoki Aizawa

List of Publications by Year
in descending order

36	848	471371 17	477173 29
papers	citations	h-index	g-index

37	37	37	703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of Mirabegron, a Novel Î²3-Adrenoceptor Agonist, on Primary Bladder Afferent Activity and Bladder Microcontractions in Rats Compared With the Effects of Oxybutynin. European Urology, 2012, 62, 1165-1173.	0.9	101
2	Effects of CL316,243, a Î²₃â€adrenoceptor agonist, and intravesical prostaglandin E₂ on the primary bladder afferent activity of the rat. Neurourology and Urodynamics, 2010, 29, 771-776.	0.8	91
3	Effects of Nitric Oxide on the Primary Bladder Afferent Activities of the Rat With and Without Intravesical Acrolein Treatment. European Urology, 2011, 59, 264-271.	0.9	64
4	Effects of TRPV4 cation channel activation on the primary bladder afferent activities of the rat. Neurourology and Urodynamics, 2012, 31, 148-155.	0.8	60
5	Cold environmental stress induces detrusor overactivity via resiniferatoxinâ€sensitive nerves in conscious rats. Neurourology and Urodynamics, 2008, 27, 348-352.	0.8	45
6	Effects of intravesical instillation of ATP on rat bladder primary afferent activity and its relationship with capsaicinâ€sensitivity. Neurourology and Urodynamics, 2011, 30, 163-168.	0.8	35
7	Functional role of the transient receptor potential melastatin 8 (<scp>TRPM</scp>8) ion channel in the urinary bladder assessed by conscious cystometry and exÂvivo measurements of singleâ€unit mechanosensitive bladder afferent activities in the rat. BJU International, 2016, 117, 484-494.	1.3	35
8	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
9	The role of transient receptor potential ankyrin 1 (TRPA1) channel in activation of single unit mechanosensitive bladder afferent activities in the rat. Neurourology and Urodynamics, 2014, 33, 544-549.	0.8	26
10	<scp>URB</scp>937, a peripherally restricted inhibitor for fatty acid amide hydrolase, reduces prostaglandin E₂â€induced bladder overactivity and hyperactivity of bladder mechanoâ€afferent nerve fibres in rats. BJU International, 2016, 117, 821-828.	1.3	25
11	Age-related changes in function and gene expression of the male and female mouse bladder. Scientific Reports, 2018, 8, 2089.	1.6	24
12	Effects ofL-arginine, mirabegron, and oxybutynin on the primary bladder afferent nerve activities synchronized with reflexic, rhythmic bladder contractions in the rat. Neurourology and Urodynamics, 2015, 34, 368-374.	0.8	21
13	May perioperative ultrasoundâ€guided pelvic floor muscle training promote early recovery of urinary continence after robotâ€assisted radical prostatectomy?. Neurourology and Urodynamics, 2019, 38, 158-164.	0.8	20
14	KPRâ€2579, a novel TRPM8 antagonist, inhibits acetic acidâ€induced bladder afferent hyperactivity in rats. Neurourology and Urodynamics, 2018, 37, 1633-1640.	0.8	19
15	KPR-5714, a Novel Transient Receptor Potential Melastatin 8 Antagonist, Improves Overactive Bladder via Inhibition of Bladder Afferent Hyperactivity in Rats. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 239-247.	1.3	19
16	Changes in the Function and Expression of T-Type and N-Type Calcium Channels in the Rat Bladder after Bladder Outlet Obstruction. Journal of Urology, 2014, 191, 1159-1167.	0.2	18
17	Characteristics of the mechanosensitive bladder afferent activities in relation with microcontractions in male rats with bladder outlet obstruction. Scientific Reports, 2017, 7, 7646.	1.6	17
18	RQ-00434739, a novel TRPM8 antagonist, inhibits prostaglandin E2-induced hyperactivity of the primary bladder afferent nerves in rats. Life Sciences, 2019, 218, 89-95.	2.0	17

#	Article	IF	Citations
19	Long-Term Caloric Restriction in Rats may Prevent Age Related Impairment of InÂVitro Bladder Function. Journal of Urology, 2015, 193, 2123-2130.	0.2	16
20	Influence of High Fat Diet Feeding for 20 Weeks on Lower Urinary Tract Function in Mice. LUTS: Lower Urinary Tract Symptoms, 2013, 5, 101-108.	0.6	15
21	Selective Inhibitory Effect of Imidafenacin and 5-Hydroxymethyl Tolterodine on Capsaicin Sensitive C Fibers of the Primary Bladder Mechanosensitive Afferent Nerves in the Rat. Journal of Urology, 2015, 193, 1423-1432.	0.2	15
22	Attenuated lipopolysaccharide-induced inflammatory bladder hypersensitivity in mice deficient of transient receptor potential ankilin1. Scientific Reports, 2018, 8, 15622.	1.6	15
23	Effects of phenazopyridine on rat bladder primary afferent activity, and comparison with lidocaine and acetaminophen. Neurourology and Urodynamics, 2010, 29, 1445-1450.	0.8	13
24	Comparison of the effects of oestrogen deficiency and old age on primary bladder afferent activity and voiding behaviour in the ageing female rat. BJU International, 2011, 108, E10-6.	1.3	13
25	Preventive Effects of Long-Term Caloric Restriction on Aging Related InÂVivo Bladder Dysfunction and Molecular Biological Changes in the Bladder and Dorsal Root Ganglia in Rats. Journal of Urology, 2016, 196, 1575-1583.	0.2	13
26	Longitudinal change of comprehensive lower urinary tract symptoms and various types of urinary incontinence during robotâ€assisted radical prostatectomy. Neurourology and Urodynamics, 2019, 38, 1067-1075.	0.8	13
27	Inhibitory effects of retigabine, a Kv7 channel activator, on mechanosensitive primary bladder afferent activities and nociceptive behaviors in rats. Neurourology and Urodynamics, 2017, 36, 280-285.	0.8	12
28	Pathophysiological changes of the lower urinary tract behind voiding dysfunction in streptozotocin-induced long-term diabetic rats. Scientific Reports, 2020, 10, 4182.	1.6	12
29	Efficacy of the combination of KPR-5714, a novel transient receptor potential melastatin 8 (TRPM8) antagonist, and Î²3-adrenoceptor agonist or anticholinergic agent on bladder dysfunction in rats with bladder overactivity. European Journal of Pharmacology, 2021, 899, 173995.	1.7	12
30	Synergic Suppressive Effect of Silodosin and Imidafenacin on Nonâ€Voiding Bladder Contractions in Male Rats with Subacute Bladder Outlet Obstruction. LUTS: Lower Urinary Tract Symptoms, 2017, 9, 94-101.	0.6	9
31	Functional roles of bladder Î±1â€adrenoceptors in the activation of singleâ€unit primary bladder afferent activity in rats. BJU International, 2016, 117, 993-1001.	1.3	8
32	Inhibitory effects of silodosin on the bladder mechanosensitive afferent activities and their relation with bladder myogenic contractions in male rats with bladder outlet obstruction. Neurourology and Urodynamics, 2018, 37, 1897-1903.	0.8	8
33	Bladder sensation evaluation of a carrageenanâ€induced chronic prostatitis model using a direct measurement of the bladder mechanosensitive singleâ€unit afferent nerve activity. Neurourology and Urodynamics, 2020, 39, 2111-2119.	0.8	2
34	Lacking transient receptor potential melastatinÂ2 attenuates lipopolysaccharideâ€induced bladder inflammation and its associated hypersensitivity in mice. International Journal of Urology, 2021, 28, 107-114.	0.5	1
35	The TRPM8 channel as a potential therapeutic target for bladder hypersensitive disorders. Journal of Smooth Muscle Research, 2022, 58, 11-21.	0.7	1
36	Editorial Comment from Dr Aizawa to Propiverine increases urethral wall catecholamine levels and bladder leak point pressure in rats. International Journal of Urology, 2016, 23, 100-101.	0.5	0