

Yasuhiko Igawa

List of Publications by Year in descending order

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96
papers

3,004
citations

159358

30
h-index

189595

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96
all docs

96
docs citations

96
times ranked

1949
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and molecular biological evidence for a possible $\hat{\imath}^2$ 3-adrenoceptor in the human detrusor muscle. <i>British Journal of Pharmacology</i> , 1999, 126, 819-825.	2.7	211
2	Phase III, randomised, double-blind, placebo-controlled study of the $\hat{\imath}^2$ 3-adrenoceptor agonist mirabegron, 50 mg once daily, in Japanese patients with 1.3 overactive bladder. <i>BJU International</i> , 2014, 113, 951-960.		122
3	Hunner-Type (Classic) Interstitial Cystitis: A Distinct Inflammatory Disorder Characterized by Pancystitis, with Frequent Expansion of Clonal B-Cells and Epithelial Denudation. <i>PLoS ONE</i> , 2015, 10, e0143316.	1.1	122
4	Effects of Mirabegron, a Novel $\hat{\imath}^2$ 3-Adrenoceptor Agonist, on Primary Bladder Afferent Activity and Bladder Microcontractions in Rats Compared With the Effects of Oxybutynin. <i>European Urology</i> , 2012, 62, 1165-1173.	0.9	101
5	Species differences in the distribution of $\hat{\imath}^2$ -adrenoceptor subtypes in bladder smooth muscle. <i>British Journal of Pharmacology</i> , 1998, 124, 593-599.	2.7	97
6	RELAXANT EFFECTS OF ISOPROTERENOL AND SELECTIVE $\hat{\imath}^2$ 3-ADRENOCEPTOR AGONISTS ON NORMAL, LOW COMPLIANT AND HYPERREFLEXIC HUMAN BLADDERS. <i>Journal of Urology</i> , 2001, 165, 240-244.	0.2	97
7	Effects of CL316,243, a $\hat{\imath}^2$ 3-adrenoceptor agonist, and intravesical prostaglandin E ₂ on the primary bladder afferent activity of the rat. <i>Neurourology and Urodynamics</i> , 2010, 29, 771-776.	0.8	91
8	Increased mRNA Expression of Genes Involved in Pronociceptive Inflammatory Reactions in Bladder Tissue of Interstitial Cystitis. <i>Journal of Urology</i> , 2013, 190, 1925-1931.	0.2	88
9	CXCR3 Binding Chemokine and TNFSF14 Over Expression in Bladder Urothelium of Patients With Ulcerative Interstitial Cystitis. <i>Journal of Urology</i> , 2010, 183, 1206-1212.	0.2	77
10	Effects of Selective $\hat{\imath}^2$ and $\hat{\imath}^2$ 3-Adrenoceptor Agonists on Detrusor Hyperreflexia in Conscious Cerebral Infarcted Rats. <i>Journal of Urology</i> , 2002, 168, 1247-1252.	0.2	71
11	Effects of $\hat{\imath}^2$ 3-adrenoceptor stimulation on prostaglandin E ₂ -induced bladder hyperactivity and on the cardiovascular system in conscious rats. <i>Neurourology and Urodynamics</i> , 2002, 21, 558-565.	0.8	71
12	Pharmacological profile of $\hat{\imath}^2$ 3-adrenoceptor agonists in clinical development for the treatment of overactive bladder syndrome. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 177-183.	1.4	71
13	Capsaicin-Induced Bladder Hyperactivity in Normal Conscious Rats. <i>Journal of Urology</i> , 1994, 152, 525-530.	0.2	68
14	Effects of Nitric Oxide on the Primary Bladder Afferent Activities of the Rat With and Without Intravesical Acrolein Treatment. <i>European Urology</i> , 2011, 59, 264-271.	0.9	64
15	Effects of TRPV4 cation channel activation on the primary bladder afferent activities of the rat. <i>Neurourology and Urodynamics</i> , 2012, 31, 148-155.	0.8	60
16	Functional importance of cholinergic and purinergic neurotransmission for micturition contraction in the normal, unanaesthetized rat. <i>British Journal of Pharmacology</i> , 1993, 109, 473-479.	2.7	57
17	Micturition and Premicturition Contractions in Unanesthetized Rats with Bladder Outlet Obstruction. <i>Journal of Urology</i> , 1994, 151, 244-249.	0.2	57
18	Inhibitory effects of phosphodiesterase 5 inhibitor, tadalafil, on mechanosensitive bladder afferent nerve activities of the rat, and on acrolein-induced hyperactivity of these nerves. <i>BJU International</i> , 2012, 110, E259-66.	1.3	57

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19	Role of intrathecal tachykinins for micturition in unanaesthetized rats with and without bladder outlet obstruction. <i>British Journal of Pharmacology</i> , 1994, 113, 111-116.	2.7	50
20	Molecular Taxonomy of Interstitial Cystitis/Bladder Pain Syndrome Based on Whole Transcriptome Profiling by Next-Generation RNA Sequencing of Bladder Mucosal Biopsies. <i>Journal of Urology</i> , 2019, 202, 290-300.	0.2	45
21	Botulinum toxin type A injection for refractory interstitial cystitis: A randomized comparative study and predictors of treatment response. <i>International Journal of Urology</i> , 2015, 22, 835-841.	0.5	44
22	Increased CXCR3 Expression of Infiltrating Plasma Cells in Hunner Type Interstitial Cystitis. <i>Scientific Reports</i> , 2016, 6, 28652.	1.6	41
23	Detrusor underactivity: Pathophysiological considerations, models and proposals for future research. ICI-RS 2013. <i>Neurourology and Urodynamics</i> , 2014, 33, 591-596.	0.8	38
24	Inhibition of Peripheral FAAH Depresses Activities of Bladder Mechanosensitive Nerve Fibers of the Rat. <i>Journal of Urology</i> , 2014, 192, 956-963.	0.2	38
25	Effects of resiniferatoxin desensitization of capsaicin-sensitive afferents on detrusor over-activity induced by intravesical capsaicin, acetic acid or ATP in conscious rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 473-479.	1.4	36
26	Facilitatory Effect of Vasoactive Intestinal Polypeptide on Spinal and Peripheral Micturition Reflex Pathways in Conscious Rats with and without Detrusor Instability. <i>Journal of Urology</i> , 1993, 149, 884-889.	0.2	35
27	Effects of intravesical instillation of ATP on rat bladder primary afferent activity and its relationship with capsaicin sensitivity. <i>Neurourology and Urodynamics</i> , 2011, 30, 163-168.	0.8	35
28	Functional role of the transient receptor potential melastatin 8 (TRPM8) ion channel in the urinary bladder assessed by conscious cystometry and <i>in vivo</i> measurements of single-unit mechanosensitive bladder afferent activities in the rat. <i>BJU International</i> , 2016, 117, 484-494.	1.3	35
29	Hydrodistension with or without fulguration of hunner lesions for interstitial cystitis: Long-term outcomes and prognostic predictors. <i>Neurourology and Urodynamics</i> , 2016, 35, 965-969.	0.8	34
30	β_3 -Adrenoceptors in the normal and diseased urinary bladder: What are the open questions?. <i>British Journal of Pharmacology</i> , 2019, 176, 2525-2538.	2.7	33
31	Pathophysiology of the underactive bladder. <i>Investigative and Clinical Urology</i> , 2017, 58, S82.	1.0	31
32	β_2 -Adrenoceptor agonist effects in experimental models of bladder dysfunction. , 2011, 131, 40-49.		29
33	Functional investigation of β_2 -adrenoceptors in human isolated detrusor focusing on the novel selective β_3 -adrenoceptor agonist KUC-7322. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 759-767.	1.4	28
34	Muro-Neuro-Urodynamics; a Review of the Functional Assessment of Mouse Lower Urinary Tract Function. <i>Frontiers in Physiology</i> , 2017, 8, 49.	1.3	27
35	Digital quantitative analysis of mast cell infiltration in interstitial cystitis. <i>Neurourology and Urodynamics</i> , 2018, 37, 650-657.	0.8	27
36	Characteristics of Lower Urinary Tract Dysfunction and Bladder Afferent Nerve Properties in Type 2 Diabetic Goto-Kakizaki Rats. <i>Journal of Urology</i> , 2013, 189, 1580-1587.	0.2	26

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37	The role of transient receptor potential ankyrin 1 (TRPA1) channel in activation of single unit mechanosensitive bladder afferent activities in the rat. <i>Neurourology and Urodynamics</i> , 2014, 33, 544-549.	0.8	26
38	Incidence and risk factors of inguinal hernia after robot-assisted radical prostatectomy. <i>World Journal of Surgical Oncology</i> , 2017, 15, 61.	0.8	26
39	<scp>URB</scp>937, a peripherally restricted inhibitor for fatty acid amide hydrolase, reduces prostaglandin E₂-induced bladder overactivity and hyperactivity of bladder mechano-fferent nerve fibres in rats. <i>BJU International</i> , 2016, 117, 821-828.	1.3	25
40	Efficacy of post-nephroureterectomy cisplatin-based adjuvant chemotherapy for locally advanced upper tract urothelial carcinoma: a multi-institutional retrospective study. <i>World Journal of Urology</i> , 2017, 35, 1569-1575.	1.2	25
41	Relation between expression of α -adrenoceptor mRNAs in bladder mucosa and urodynamic findings in men with lower urinary tract symptoms. <i>Scandinavian Journal of Urology and Nephrology</i> , 2011, 45, 15-19.	1.4	24
42	Age-related changes in function and gene expression of the male and female mouse bladder. <i>Scientific Reports</i> , 2018, 8, 2089.	1.6	24
43	Effects of selective beta2 and beta3-adrenoceptor agonists on detrusor hyperreflexia in conscious cerebral infarcted rats. <i>Journal of Urology</i> , 2002, 168, 1247-52.	0.2	22
44	Effects of L-arginine, mirabegron, and oxybutynin on the primary bladder afferent nerve activities synchronized with reflexic, rhythmic bladder contractions in the rat. <i>Neurourology and Urodynamics</i> , 2015, 34, 368-374.	0.8	21
45	Diagnostic value of urinary CXCL10 as a biomarker for predicting Hunner type interstitial cystitis. <i>Neurourology and Urodynamics</i> , 2018, 37, 1113-1119.	0.8	21
46	Effects of morphine metabolites on micturition in normal, unanaesthetized rats. <i>British Journal of Pharmacology</i> , 1993, 110, 257-262.	2.7	20
47	Stimulation of skin menthol receptors stimulates detrusor activity in conscious rats. <i>Neurourology and Urodynamics</i> , 2010, 29, 506-511.	0.8	20
48	Therapeutic targets for overactive bladder other than smooth muscle. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 687-705.	1.5	20
49	Overactive bladder is a negative predictor of achieving continence after robot-assisted radical prostatectomy. <i>International Journal of Urology</i> , 2017, 24, 749-756.	0.5	19
50	KPR-2579, a novel TRPM8 antagonist, inhibits acetic acid-induced bladder afferent hyperactivity in rats. <i>Neurourology and Urodynamics</i> , 2018, 37, 1633-1640.	0.8	19
51	Extent of Hunner lesions: The relationships with symptom severity and clinical parameters in Hunner type interstitial cystitis patients. <i>Neurourology and Urodynamics</i> , 2018, 37, 1441-1447.	0.8	19
52	Changes in the Function and Expression of T-Type and N-Type Calcium Channels in the Rat Bladder after Bladder Outlet Obstruction. <i>Journal of Urology</i> , 2014, 191, 1159-1167.	0.2	18
53	Validation of an educational program balancing surgeon training and surgical quality control during robot-assisted radical prostatectomy. <i>International Journal of Urology</i> , 2016, 23, 160-166.	0.5	18
54	Nomogram for predicting survival of postcystectomy recurrent urothelial carcinoma of the bladder. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 457.e15-457.e21.	0.8	18

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55	Toll-like receptor 7 is overexpressed in the bladder of Hunner-type interstitial cystitis, and its activation in the mouse bladder can induce cystitis and bladder pain. <i>Pain</i> , 2017, 158, 1538-1545.	2.0	17
56	Characteristics of the mechanosensitive bladder afferent activities in relation with microcontractions in male rats with bladder outlet obstruction. <i>Scientific Reports</i> , 2017, 7, 7646.	1.6	17
57	RQ-00434739, a novel TRPM8 antagonist, inhibits prostaglandin E2-induced hyperactivity of the primary bladder afferent nerves in rats. <i>Life Sciences</i> , 2019, 218, 89-95.	2.0	17
58	Immune-related adverse events predict the therapeutic efficacy of pembrolizumab in urothelial cancer patients. <i>European Journal of Cancer</i> , 2019, 116, 114-115.	1.3	17
59	Long-Term Caloric Restriction in Rats may Prevent Age Related Impairment of In Vitro Bladder Function. <i>Journal of Urology</i> , 2015, 193, 2123-2130.	0.2	16
60	Ultrasound-assisted prompted voiding for management of urinary incontinence of nursing home residents: Efficacy and feasibility. <i>International Journal of Urology</i> , 2016, 23, 786-790.	0.5	16
61	Influence of High Fat Diet Feeding for 20 Weeks on Lower Urinary Tract Function in Mice. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2013, 5, 101-108.	0.6	15
62	Individually tailored ultrasound-assisted prompted voiding for institutionalized older adults with urinary incontinence. <i>International Journal of Urology</i> , 2014, 21, 1253-1257.	0.5	15
63	Influence of urethane-anesthesia on the effect of resiniferatoxin treatment on bladder function in rats with spinal cord injury. <i>Neurourology and Urodynamics</i> , 2015, 34, 274-279.	0.8	15
64	Selective Inhibitory Effect of Imidafenacin and 5-Hydroxymethyl Tolterodine on Capsaicin Sensitive C Fibers of the Primary Bladder Mechanosensitive Afferent Nerves in the Rat. <i>Journal of Urology</i> , 2015, 193, 1423-1432.	0.2	15
65	Oncologic Outcome of Metastasectomy for Urothelial Carcinoma: Who Is the Best Candidate?. <i>Annals of Surgical Oncology</i> , 2017, 24, 2794-2800.	0.7	15
66	Attenuated lipopolysaccharide-induced inflammatory bladder hypersensitivity in mice deficient of transient receptor potential ankliln1. <i>Scientific Reports</i> , 2018, 8, 15622.	1.6	15
67	Videourodynamic effects of mirabegron, a β_3 -adrenoceptor agonist, in patients with low-compliance bladder. <i>International Journal of Urology</i> , 2015, 22, 956-961.	0.5	14
68	Symptoms at diagnosis as independent prognostic factors in retroperitoneal liposarcoma. <i>Molecular and Clinical Oncology</i> , 2016, 4, 255-260.	0.4	14
69	Ultrasound-assisted prompted voiding care for managing urinary incontinence in nursing homes: A randomized clinical trial. <i>Neurourology and Urodynamics</i> , 2019, 38, 757-763.	0.8	14
70	Preventive Effects of Long-Term Caloric Restriction on Aging Related In Vivo Bladder Dysfunction and Molecular Biological Changes in the Bladder and Dorsal Root Ganglia in Rats. <i>Journal of Urology</i> , 2016, 196, 1575-1583.	0.2	13
71	Longitudinal change of comprehensive lower urinary tract symptoms and various types of urinary incontinence during robot-assisted radical prostatectomy. <i>Neurourology and Urodynamics</i> , 2019, 38, 1067-1075.	0.8	13
72	Inhibitory effects of retigabine, a Kv7 channel activator, on mechanosensitive primary bladder afferent activities and nociceptive behaviors in rats. <i>Neurourology and Urodynamics</i> , 2017, 36, 280-285.	0.8	12

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73	Feasibility of approximate measurement of bladder volume in male patients using the Liliuim 200 portable ultrasound bladder scanner. LUTS: Lower Urinary Tract Symptoms, 2019, 11, 169-173.	0.6	12
74	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
75	A survey on clinical practice of interstitial cystitis in Japan. Translational Andrology and Urology, 2015, 4, 486-90.	0.6	12
76	Sleep Apnea and Circadian Extracellular Fluid Change as Independent Factors for Nocturnal Polyuria. Journal of Urology, 2016, 196, 1183-1189.	0.2	11
77	Synergic Suppressive Effect of Silodosin and Imidafenacin on Nonvoiding Bladder Contractions in Male Rats with Subacute Bladder Outlet Obstruction. LUTS: Lower Urinary Tract Symptoms, 2017, 9, 94-101.	0.6	9
78	The impact of different scenarios for intermittent bladder catheterization on health state utilities: results from an internet-based time trade-off survey. Journal of Medical Economics, 2018, 21, 945-952.	1.0	9
79	Functional roles of bladder α -adrenoceptors in the activation of single-unit primary bladder afferent activity in rats. BJU International, 2016, 117, 993-1001.	1.3	8
80	Direct influence of systemic desensitization by resiniferatoxin on the activities of $A\delta$ - and C -fibers in the rat primary bladder mechanosensitive afferent nerves. International Journal of Urology, 2016, 23, 952-956.	0.5	8
81	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
82	Translation and reliability and validity testing of a Japanese version of the Intermittent Self-Catheterization Questionnaire among disposable and reusable catheter users. Neurourology and Urodynamics, 2017, 36, 1356-1362.	0.8	7
83	Predictors of Early Continence after Robot-assisted Radical Prostatectomy. LUTS: Lower Urinary Tract Symptoms, 2018, 10, 287-291.	0.6	7
84	Combination of docetaxel, ifosfamide and cisplatin (DIP) as a potential salvage chemotherapy for metastatic urothelial carcinoma. Japanese Journal of Clinical Oncology, 2015, 45, 281-285.	0.6	6
85	Clinical significance of random bladder biopsy in primary T1 bladder cancer. Molecular and Clinical Oncology, 2018, 8, 665-670.	0.4	5
86	Cystectomy for patients with Hunner-type interstitial cystitis at a tertiary referral center in Japan. LUTS: Lower Urinary Tract Symptoms, 2022, 14, 102-108.	0.6	5
87	Gains in health utility associated with urinary catheter innovations. Medical Devices: Evidence and Research, 2018, Volume 11, 345-351.	0.4	4
88	Midurethral autologous fascial sling surgery with reconstruction of the lower abdominal wall using the tensor fascia lata muscle flap for post-hemipelvectomy stress urinary incontinence. International Journal of Urology, 2014, 21, 949-951.	0.5	3
89	Effects of Sildenafil, a Phosphodiesterase Type 5 Inhibitor, on the Primary Single Afferent Activity of the Rat Bladder. LUTS: Lower Urinary Tract Symptoms, 2017, 9, 57-61.	0.6	3
90	Benefit of adjuvant immunotherapy in renal cell carcinoma: A myth or a reality?. PLoS ONE, 2017, 12, e0172341.	1.1	3

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91	Cessation of long-term adjuvant androgen deprivation therapy after radical prostatectomy: is it feasible?. Japanese Journal of Clinical Oncology, 2016, 46, 1143-1147.	0.6	1
92	Classification, Characterization, and Sub-Grouping of Interstitial Cystitis. Current Bladder Dysfunction Reports, 2019, 14, 294-300.	0.2	1
93	Lacking transient receptor potential melastatin ² attenuates lipopolysaccharide-induced bladder inflammation and its associated hypersensitivity in mice. International Journal of Urology, 2021, 28, 107-114.	0.5	1
94	Peripheral Neural Control of the Lower Urinary Tract. , 2019, , 27-36.		0
95	Drug Treatment. , 2019, , 231-259.		0
96	Novel operative technique of advancement urethral meatoplasty utilizing buccal mucosa for Vulvar Paget's disease with urethral invasion: two case reports. Journal of Medical Case Reports, 2021, 15, 136.	0.4	0