

In Ho Chang

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.

111 papers	993 citations	17 h-index	25 g-index
116 ext. papers	1,137 ext. citations	2.9 avg, IF	4 L-index

#	Paper	IF	Citations
111	Neoadjuvant versus adjuvant chemotherapy in bladder cancer: a nationwide cohort study.. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022 , 1	4.9	0
110	Low-dose versus standard-dose bacille Calmette-Guérin for non-muscle-invasive bladder cancer: Systematic review and meta-analysis of randomized controlled trials.. <i>Investigative and Clinical Urology</i> , 2022 , 63, 140-150	1.9	0
109	Immunotherapeutic effects of recombinant Bacillus Calmette-Guérin containing gene in and bladder cancer models.. <i>Investigative and Clinical Urology</i> , 2022 , 63, 228-237	1.9	1
108	Customized Multilayered Tissue-on-a-Chip (MToC) to Simulate Bacillus Calmette-Guérin (BCG) Immunotherapy for Bladder Cancer Treatment. <i>Biochip Journal</i> , 2022 , 16, 67-81	4	1
107	New Drugs for Bacillus Calmette Guérin-Unresponsive Nonmuscle Invasive Bladder Cancer. <i>The Korean Journal of Urological Oncology</i> , 2022 , 20, 12-24	0.1	
106	Urothelial-phase thin-section MDCT of the bladder in patients with hematuria: added value of multiplanar reformatted images. <i>Abdominal Radiology</i> , 2021 , 46, 2025-2031	3	0
105	Estimation of renal function using kidney dynamic contrast material-enhanced CT perfusion: accuracy and feasibility. <i>Abdominal Radiology</i> , 2021 , 46, 2045-2051	3	1
104	The Effects of Recombinant Bacillus Calmette-Guérin Resistant to Antimicrobial Peptides on Orthotopic Bladder Cancer Mouse Model. <i>The Korean Journal of Urological Oncology</i> , 2021 , 19, 40-47	0.1	1
103	Establishment of Three-Dimensional Bioprinted Bladder Cancer-on-a-Chip with a Microfluidic System Using Bacillus Calmette-Guérin. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
102	Optimization of a floating poloxamer 407-based hydrogel using the Box-Behnken design: in vitro characterization and in vivo buoyancy evaluation for intravesical instillation. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 163, 105885	5.1	5
101	Liposome-Encapsulated Bacillus Calmette-Guérin Cell Wall Skeleton Enhances Antitumor Efficiency for Bladder Cancer In Vitro and In Vivo via Induction of AMP-Activated Protein Kinase. <i>Cancers</i> , 2020 , 12,	6.6	8
100	Approaches for Personalized Drug Development in Bladder Cancer Patients. <i>The Korean Journal of Urological Oncology</i> , 2020 , 18, 91-98	0.1	
99	Programmed Cell Death-Ligand 1 Expression Status in Urothelial Carcinoma According to Clinical and Pathological Factors: A Multi-Institutional Retrospective Study. <i>Frontiers in Oncology</i> , 2020 , 10, 568809	5.3	1
98	Day Temperature Difference and Aggravation of Low Urinary Tract Symptom in Benign Prostate Hypertrophy Patients in Korea: A National Health Insurance Service-National Cohort-based Study. <i>Urology</i> , 2020 , 142, 106-111	1.6	
97	Intravesical delivery of rapamycin via folate-modified liposomes dispersed in thermo-reversible hydrogel. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6249-6268	7.3	19
96	Targeting the Hepatocyte Growth Factor and c-Met Signaling Axis in Bone Metastases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
95	Depletion of NBR1 in urothelial carcinoma cells enhances rapamycin-induced apoptosis through impaired autophagy and mitochondrial dysfunction. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19186-19201	4.7	5

94	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. <i>PLoS ONE</i> , 2019 , 14, e0223689	3.7	23
93	The Systematic Review of the Efficacy and Safety of Immune Checkpoint Inhibitor in Urological Cancers. <i>The Korean Journal of Urological Oncology</i> , 2019 , 17, 75-80	0.1	
92	Bacillus Calmette-Guérin (BCG)-Cell Wall Skeleton as Immunotherapeutic Option for BCG-Refractory Superficial Bladder Cancer. <i>The Korean Journal of Urological Oncology</i> , 2019 , 17, 88-95	0.1	
91	Enhanced Intracellular Delivery of BCG Cell Wall Skeleton into Bladder Cancer Cells Using Liposomes Functionalized with Folic Acid and Pep-1 Peptide. <i>Pharmaceutics</i> , 2019 , 11,	6.4	9
90	The immunotherapeutic effects of recombinant Bacillus Calmette-Guérin resistant to antimicrobial peptides on bladder cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 509, 167-174	3.4	9
89	Rapamycin enhances growth inhibition on urothelial carcinoma cells through LKB1 deficiency-mediated mitochondrial dysregulation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 13083-13097	7	10
88	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer 2019 , 14, e0223689		
87	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer 2019 , 14, e0223689		
86	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer 2019 , 14, e0223689		
85	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer 2019 , 14, e0223689		
84	Efficacy and safety of tamsulosin 0.4 mg single pills for treatment of Asian patients with symptomatic benign prostatic hyperplasia with lower urinary tract symptoms: a randomized, double-blind, phase 3 trial. <i>Current Medical Research and Opinion</i> , 2018 , 34, 1793-1801	2.5	4
83	Combined Poly(Lactide-Co-Glycolide) Microspheres Containing Diphtheria Toxoid for a Single-shot Immunization. <i>AAPS PharmSciTech</i> , 2018 , 19, 1160-1167	3.9	2
82	Low-Dose Unenhanced Computed Tomography with Iterative Reconstruction for Diagnosis of Ureter Stones. <i>Yonsei Medical Journal</i> , 2018 , 59, 389-396	3	6
81	Inter-observer Agreement between Urologists and Radiologists in Interpreting the Computed Tomography Images of Emergency Patients with Renal Colic. <i>Urology Journal</i> , 2018 , 15, 6-9	0.9	2
80	Application of Bioprinting to Cancer Research. <i>The Korean Journal of Urological Oncology</i> , 2018 , 16, 52-57.	0.1	1
79	The Overdiagnosis of Kidney Cancer in Koreans and the Active Surveillance on Small Renal Mass. <i>The Korean Journal of Urological Oncology</i> , 2018 , 16, 15-24	0.1	0
78	Daily Mean Temperature and Urolithiasis Presentation in Six Cities in Korea: Time-Series Analysis. <i>Journal of Korean Medical Science</i> , 2017 , 32, 999-1008	4.7	9
77	Identification of Downstream Genes of the mTOR Pathway that Predict Recurrence and Progression in Non-Muscle Invasive High-Grade Urothelial Carcinoma of the Bladder. <i>Journal of Korean Medical Science</i> , 2017 , 32, 1327-1336	4.7	5

76	MEK inhibition enhances efficacy of bacillus Calmette-Guérin on bladder cancer cells by reducing release of Toll-like receptor 2-activated antimicrobial peptides. <i>Oncotarget</i> , 2017 , 8, 53168-53179	3.3	7
75	The Present and Future of the Cancer Microenvironment Bioprinting. <i>The Korean Journal of Urological Oncology</i> , 2017 , 15, 103-110	0.1	
74	NBR1 and KIF14 Downstream of the Mammarian Target of Rapamycin Pathway Predict Recurrence in Nonmuscle Invasive Low Grade Urothelial Carcinoma of the Bladder. <i>The Korean Journal of Urological Oncology</i> , 2017 , 15, 28-37	0.1	0
73	Manipulating the Angiogenesis by Inflammation. <i>The Korean Journal of Urological Oncology</i> , 2017 , 15, 1-10	0.1	
72	Infectious Complications after Prostate Biopsy: A Prospective Multicenter Prostate Biopsy Study. <i>Urogenital Tract Infection</i> , 2016 , 11, 17	0	1
71	Is Tamsulosin 0.2 mg Effective and Safe as a First-Line Treatment Compared with Other Alpha Blockers?: A Meta-Analysis and a Moderator Focused Study. <i>Yonsei Medical Journal</i> , 2016 , 57, 407-18	3	10
70	Urbanization may affect the incidence of urolithiasis in South Korea. <i>SpringerPlus</i> , 2016 , 5, 1891		6
69	Daily Mean Temperature Affects Urolithiasis Presentation in Seoul: a Time-series Analysis. <i>Journal of Korean Medical Science</i> , 2016 , 31, 750-6	4.7	9
68	Human Neural Stem Cells Overexpressing a Carboxylesterase Inhibit Bladder Tumor Growth. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1201-7	6.1	2
67	Sonographic findings of prescrotal superficial angiomyxoma. <i>Japanese Journal of Radiology</i> , 2015 , 33, 216-9	2.9	1
66	Modulating the internalization of bacille Calmette-Guérin by cathelicidin in bladder cancer cells. <i>Urology</i> , 2015 , 85, 964.e7-964.e12	1.6	5
65	CT for evaluation of urolithiasis: image quality of ultralow-dose (Sub mSv) CT with knowledge-based iterative reconstruction and diagnostic performance of low-dose CT with statistical iterative reconstruction. <i>Abdominal Imaging</i> , 2015 , 40, 2432-40		16
64	Usefulness of low-dose nonenhanced computed tomography with iterative reconstruction for evaluation of urolithiasis: diagnostic performance and agreement between the urologist and the radiologist. <i>Urology</i> , 2015 , 85, 531-8	1.6	20
63	Effect of obesity-related plasma hemodilution on serum tumor marker concentration in women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015 , 41, 784-9	1.9	11
62	P70S6K and Elf4E dual inhibition is essential to control bladder tumor growth and progression in orthotopic mouse non-muscle invasive bladder tumor model. <i>Journal of Korean Medical Science</i> , 2015 , 30, 308-16	4.7	5
61	Molecular Defense Mechanisms during Urinary Tract Infection. <i>Urogenital Tract Infection</i> , 2015 , 10, 57	0	1
60	Usefulness of Nonenhanced Computed Tomography for Diagnosing Urolithiasis without Pyuria in the Emergency Department. <i>BioMed Research International</i> , 2015 , 2015, 810971	3	4
59	Establishment of Reference Ranges for Prostate Volume and Annual Prostate Volume Change Rate in Korean Adult Men: Analyses of a Nationwide Screening Population. <i>Journal of Korean Medical Science</i> , 2015 , 30, 1136-42	4.7	5

58	Murine α -Defensin-2 may regulate the effect of bacillus Calmette-Guérin (BCG) in normal mouse bladder. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015 , 33, 111.e9-16	2.8	1
57	Histopathological differences between prostate cancer foci that are detected and missed using multiparametric magnetic resonance imaging in Korean patients. <i>International Journal of Urology</i> , 2014 , 21, 466-72	2.3	4
56	Voiding characteristics and related hormonal changes in peri-menopausal and post-menopausal women: a preliminary study. <i>Maturitas</i> , 2014 , 79, 311-5	5	15
55	Unilateral renal oncocytosis and combined hybrid tumor: a case report and review of the literature. <i>Japanese Journal of Radiology</i> , 2014 , 32, 556-60	2.9	3
54	A prospective Korean multicenter study for infectious complications in patients undergoing prostate surgery: risk factors and efficacy of antibiotic prophylaxis. <i>Journal of Korean Medical Science</i> , 2014 , 29, 1271-7	4.7	9
53	Establishment of an orthotopic mouse non-muscle invasive bladder cancer model expressing the mammalian target of rapamycin signaling pathway. <i>Journal of Korean Medical Science</i> , 2014 , 29, 343-50	4.7	3
52	Modulation of Antimicrobial Peptide Human α -Defensin-3 by Toll-like Receptor Ligands in Vaginal Epithelial Cells. <i>The Korean Journal of Urogenital Tract Infection and Inflammation</i> , 2014 , 9, 27		
51	Predicting recurrence and progression of non-muscle-invasive bladder cancer in Korean patients: a comparison of the EORTC and CUETO models. <i>Korean Journal of Urology</i> , 2014 , 55, 643-9		17
50	Febrile urinary tract infection after prostate biopsy and quinolone resistance. <i>Korean Journal of Urology</i> , 2014 , 55, 660-4		10
49	Pilot study of low-dose nonenhanced computed tomography with iterative reconstruction for diagnosis of urinary stones. <i>Korean Journal of Urology</i> , 2014 , 55, 581-6		12
48	Dual inhibition by S6K1 and Elf4E is essential for controlling cellular growth and invasion in bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014 , 32, 51.e27-35	2.8	12
47	Phosphorylated p70S6K in noninvasive low-grade urothelial carcinoma of the bladder: correlation with tumor recurrence. <i>Asian Journal of Andrology</i> , 2014 , 16, 611-7	2.8	6
46	Human α -Defensin 2 may inhibit internalisation of bacillus Calmette-Guérin (BCG) in bladder cancer cells. <i>BJU International</i> , 2013 , 112, 781-90	5.6	8
45	Effectiveness of flexible ureteroscopic stone removal for treating ureteral and ipsilateral renal stones: a single-center experience. <i>Korean Journal of Urology</i> , 2013 , 54, 377-82		9
44	Pain, catastrophizing, and depression in chronic prostatitis/chronic pelvic pain syndrome. <i>International Neurourology Journal</i> , 2013 , 17, 48-58	2.6	34
43	Relaxing effect of acetylcholine on phenylephrine-induced contraction of isolated rabbit prostate strips is mediated by neuronal nitric oxide synthase. <i>Korean Journal of Urology</i> , 2013 , 54, 333-8		1
42	Impact of changing trends in medical therapy on surgery for benign prostatic hyperplasia over two decades. <i>Korean Journal of Urology</i> , 2012 , 53, 23-8		33
41	Delayed presentation of intravesical bone penetration after pelvic ring fracture. <i>Korean Journal of Urology</i> , 2012 , 53, 887-9		1

40	Influence of overweight on 24-hour urine chemistry studies and recurrent urolithiasis in children. <i>Korean Journal of Urology</i> , 2012 , 53, 268-74		5
39	Sequence variants of Toll-like receptor 4 (TLR4) and the risk of prostate cancer in Korean men. <i>World Journal of Urology</i> , 2012 , 30, 225-32	4	21
38	A novel pathway underlying the inhibitory effects of melatonin on isolated rat urinary bladder contraction. <i>Korean Journal of Physiology and Pharmacology</i> , 2012 , 16, 37-42	1.8	8
37	Metabolic syndrome, urine pH, and time-dependent risk of nephrolithiasis in Korean men without hypertension and diabetes. <i>Urology</i> , 2011 , 78, 753-8	1.6	17
36	Prostate specific antigen velocity per prostate volume: a novel tool for prostate biopsy prediction. <i>Urology</i> , 2011 , 78, 874-9	1.6	2
35	HNF1B polymorphism associated with development of prostate cancer in Korean patients. <i>Urology</i> , 2011 , 78, 969.e1-6	1.6	8
34	Role of the mTOR Pathway in the Progression and Recurrence of Bladder Cancer: An Immunohistochemical Tissue Microarray Study. <i>Korean Journal of Urology</i> , 2011 , 52, 466-73		26
33	Effect of Prostate Biopsy Hemorrhage on MRDW and MRS Imaging. <i>Korean Journal of Urology</i> , 2011 , 52, 674-80		3
32	Possible Relationship between Metabolic Syndrome Traits and Nephrolithiasis: Incidence for 15 Years According to Gender. <i>Korean Journal of Urology</i> , 2011 , 52, 548-53		13
31	Expression of human β -defensin-2 in the prostate. <i>BJU International</i> , 2011 , 107, 144-9	5.6	9
30	Expression of resistin in the prostate and its stimulatory effect on prostate cancer cell proliferation. <i>BJU International</i> , 2011 , 108, E77-83	5.6	62
29	Warfarin-induced penile necrosis in a patient with heparin-induced thrombocytopenia. <i>Journal of Korean Medical Science</i> , 2010 , 25, 1390-3	4.7	10
28	Significance of S100A2 and S100A4 Expression in the Progression of Prostate Adenocarcinoma. <i>Korean Journal of Urology</i> , 2010 , 51, 456-62		13
27	Bilateral recurrent thigh abscesses for five years after a transobturator tape implantation for stress urinary incontinence. <i>Korean Journal of Urology</i> , 2010 , 51, 657-9		9
26	Prostate cancer: recent trends in Korea. <i>Urologia Internationalis</i> , 2010 , 85, 88-93	1.9	8
25	Effect of low concentrations of hydrogen peroxide on the contractile responses of rat detrusor smooth muscle strips. <i>European Journal of Pharmacology</i> , 2010 , 638, 115-20	5.3	3
24	Relationship between insulin resistance, obesity and serum prostate-specific antigen levels in healthy men. <i>Asian Journal of Andrology</i> , 2010 , 12, 400-4	2.8	8
23	Significance of age and comorbidity as prognostic indicators for patients with bladder cancer. <i>Asian Journal of Andrology</i> , 2010 , 12, 766-74	2.8	6

22	Association between metabolic syndrome and chronic kidney disease in the Korean population. <i>Nephrology</i> , 2009 , 14, 321-6	2.2	26
21	Extramammary Paget's disease of scrotum treated with radiotherapy. <i>Urology</i> , 2009 , 74, 474.e1-3	1.6	10
20	A possible relationship between testosterone and lower urinary tract symptoms in men. <i>Journal of Urology</i> , 2009 , 182, 215-20	2.5	28
19	Editorial comment. <i>Journal of Urology</i> , 2009 , 182, 2651	2.5	
18	The clinical significance in healthy men of the association between obesity related plasma hemodilution and tumor marker concentration. <i>Journal of Urology</i> , 2009 , 181, 567-72; discussion 572-3	2.5	32
17	The Clinical Significance of Serum and Urine Cytokines in Patients with Acute Uncomplicated Pyelonephritis. <i>Korean Journal of Urology</i> , 2009 , 50, 33		1
16	Relation of Resistin to Prostate Cancer Differentiation and Aggressiveness. <i>Korean Journal of Urology</i> , 2009 , 50, 540		5
15	The Significance of Persistent Abnormal Urine Cytology. <i>Korean Journal of Urology</i> , 2009 , 50, 125		
14	Association between serum prostate-specific antigen level, liver function tests and lipid profile in healthy men. <i>BJU International</i> , 2008 , 102, 1097-101	5.6	20
13	Association of obesity with prostate specific antigen and prostate specific antigen velocity in healthy young men. <i>Journal of Urology</i> , 2008 , 179, 886-90; discussion 890-1	2.5	9
12	Relationship between serum prostate-specific antigen levels and components of metabolic syndrome in healthy men. <i>Urology</i> , 2008 , 72, 749-54; discussion 754-5	1.6	35
11	Trends in the Emergence of Ciprofloxacin-resistant Escherichia coli and the Relationship with Underlying Diseases in Patients with Urinary Tract Infection. <i>Korean Journal of Urology</i> , 2008 , 49, 66		4
10	C-reactive Protein is a Useful Marker to Predict the Severity and Early Response of Acute Pyelonephritis in Women. <i>Korean Journal of Urology</i> , 2007 , 48, 1143		6
9	The Characteristics of Prostate Cancer with Metabolic Syndrome in Korean Men. <i>Korean Journal of Urology</i> , 2007 , 48, 585		2
8	Assessing the body mass index of patients might help to predict blood loss during radical retropubic prostatectomy in Korean men. <i>BJU International</i> , 2007 , 99, 570-4	5.6	12
7	Impact of variations in bony pelvic dimensions on performing radical retropubic prostatectomy. <i>Urology</i> , 2007 , 69, 907-11	1.6	28
6	Association of prostate size and tumor grade in Korean men with clinically localized prostate cancer. <i>Urology</i> , 2007 , 70, 91-5	1.6	18
5	Significance of macroscopic tumor necrosis as a prognostic indicator for renal cell carcinoma. <i>Journal of Urology</i> , 2006 , 176, 1332-7; discussion 1337-8	2.5	42

4	Impact of variations in prostatic apex shape on early recovery of urinary continence after radical retropubic prostatectomy. <i>Urology</i> , 2006 , 68, 137-41	1.6	66
3	Anatomical Analysis of Prostate and Surrounding Structures: Points to Consider during Radical Retropubic Prostatectomy. <i>Korean Journal of Urology</i> , 2006 , 47, 568		2
2	Clinical Significance of a Single-Core Positive Prostate Cancers Detected on Extended Prostate Needle Biopsy. <i>Korean Journal of Urology</i> , 2006 , 47, 475		3
1	Clinicopathological Significance of the Lymphovascular Invasion Detected in Specimens from Radical Retropubic Prostatectomies. <i>Korean Journal of Urology</i> , 2006 , 47, 757		