

In Ho Chang

List of Publications by Year in descending order

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114
papers

1,317
citations

430442

18
h-index

476904

29
g-index

116
all docs

116
docs citations

116
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of variations in prostatic apex shape on early recovery of urinary continence after radical retropubic prostatectomy. <i>Urology</i> , 2006, 68, 137-141.	0.5	81
2	Expression of resistin in the prostate and its stimulatory effect on prostate cancer cell proliferation. <i>BJU International</i> , 2011, 108, E77-83.	1.3	75
3	Significance of Macroscopic Tumor Necrosis as a Prognostic Indicator for Renal Cell Carcinoma. <i>Journal of Urology</i> , 2006, 176, 1332-1338.	0.2	48
4	Pain, Catastrophizing, and Depression in Chronic Prostatitis/Chronic Pelvic Pain Syndrome. <i>International Neurourology Journal</i> , 2013, 17, 48.	0.5	44
5	<p>Intravesical delivery of rapamycin via folate-modified liposomes dispersed in thermo-reversible hydrogel<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6249-6268.	3.3	42
6	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, 567-573.	0.2	40
7	Relationship Between Serum Prostate-Specific Antigen Levels and Components of Metabolic Syndrome in Healthy Men. <i>Urology</i> , 2008, 72, 749-754.	0.5	39
8	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. <i>PLoS ONE</i> , 2019, 14, e0223689.	1.1	38
9	Impact of Variations in Bony Pelvic Dimensions on Performing Radical Retropubic Prostatectomy. <i>Urology</i> , 2007, 69, 907-911.	0.5	36
10	A Possible Relationship Between Testosterone and Lower Urinary Tract Symptoms in Men. <i>Journal of Urology</i> , 2009, 182, 215-220.	0.2	36
11	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.	1.2	34
12	Association between metabolic syndrome and chronic kidney disease in the Korean population. <i>Nephrology</i> , 2009, 14, 321-326.	0.7	29
13	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.	1.2	28
14	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, 225-232.	1.2	25
15	Association between serum prostate-specific antigen level, liver function tests and lipid profile in healthy men. <i>BJU International</i> , 2008, 102, 1097-1101.	1.3	22
16	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, 531-538.	0.5	22
17	Metabolic Syndrome, Urine pH, and Time-dependent Risk of Nephrolithiasis in Korean Men Without Hypertension and Diabetes. <i>Urology</i> , 2011, 78, 753-758.	0.5	21
18	Voiding characteristics and related hormonal changes in peri-menopausal and post-menopausal women: A preliminary study. <i>Maturitas</i> , 2014, 79, 311-315.	1.0	21

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19	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, 2432-2440.	2.0	19
20	Association of Prostate Size and Tumor Grade in Korean Men with Clinically Localized Prostate Cancer. <i>Urology</i> , 2007, 70, 91-95.	0.5	18
21	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.	1.2	18
22	Significance of S100A2 and S100A4 Expression in the Progression of Prostate Adenocarcinoma. <i>Korean Journal of Urology</i> , 2010, 51, 456.	1.2	17
23	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.	1.1	17
24	Daily Mean Temperature Affects Urolithiasis Presentation in Seoul: a Time-series Analysis. <i>Journal of Korean Medical Science</i> , 2016, 31, 750.	1.1	17
25	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, 3679.	1.7	17
26	Possible Relationship between Metabolic Syndrome Traits and Nephrolithiasis: Incidence for 15 Years According to Gender. <i>Korean Journal of Urology</i> , 2011, 52, 548.	1.2	15
27	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.	1.2	15
28	Daily Mean Temperature and Urolithiasis Presentation in Six Cities in Korea: Time-Series Analysis. <i>Journal of Korean Medical Science</i> , 2017, 32, 999.	1.1	15
29	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, 570-574.	1.3	14
30	Warfarin-Induced Penile Necrosis in a Patient with Heparin-Induced Thrombocytopenia. <i>Journal of Korean Medical Science</i> , 2010, 25, 1390.	1.1	14
31	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.e27-51.e35.	0.8	14
32	Targeting the Hepatocyte Growth Factor and c-Met Signaling Axis in Bone Metastases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 384.	1.8	14
33	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, 652.	2.0	14
34	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.	0.6	13
35	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.	1.0	13
36	Effect of obesity-related plasma hemodilution on serum tumor marker concentration in women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 784-789.	0.6	12

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37	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.	0.9	12
38	Establishment of Three-Dimensional Bioprinted Bladder Cancer-on-a-Chip with a Microfluidic System Using <i>Bacillus Calmette-Guérin</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8887.	1.8	12
39	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.	1.9	12
40	Association of Obesity With Prostate Specific Antigen and Prostate Specific Antigen Velocity in Healthy Young Men. <i>Journal of Urology</i> , 2008, 179, 886-891.	0.2	11
41	Extramammary Paget's Disease of Scrotum Treated With Radiotherapy. <i>Urology</i> , 2009, 74, 474.e1-474.e3.	0.5	11
42	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.	1.2	11
43	Febrile Urinary Tract Infection After Prostate Biopsy and Quinolone Resistance. <i>Korean Journal of Urology</i> , 2014, 55, 660.	1.2	11
44	Rapamycin enhances growth inhibition on urothelial carcinoma cells through LKB1 deficiency-mediated mitochondrial dysregulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 13083-13096.	2.0	11
45	Customized Multilayered Tissue-on-a-Chip (MTOC) to Simulate <i>Bacillus Calmette-Guérin</i> (BCG) Immunotherapy for Bladder Cancer Treatment. <i>Biochip Journal</i> , 2022, 16, 67-81.	2.5	11
46	Expression of human β -defensin 2 in the prostate. <i>BJU International</i> , 2011, 107, 144-149.	1.3	10
47	Modulating the Internalization of <i>Bacille Calmette-Guérin</i> by Cathelicidin in Bladder Cancer Cells. <i>Urology</i> , 2015, 85, 964.e7-964.e12.	0.5	10
48	Relationship between insulin resistance, obesity and serum prostate-specific antigen levels in healthy men. <i>Asian Journal of Andrology</i> , 2010, 12, 400-404.	0.8	10
49	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.	1.2	9
50	HNF1B Polymorphism Associated With Development of Prostate Cancer in Korean Patients. <i>Urology</i> , 2011, 78, 969.e1-969.e6.	0.5	9
51	Human β -defensin 2 may inhibit internalisation of <i>bacillus Calmette-Guérin</i> (BCG) in bladder cancer cells. <i>BJU International</i> , 2013, 112, 781-790.	1.3	9
52	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.	1.2	9
53	MEK inhibition enhances efficacy of <i>bacillus Calmette-Guérin</i> on bladder cancer cells by reducing release of Toll-like receptor 2-activated antimicrobial peptides. <i>Oncotarget</i> , 2017, 8, 53168-53179.	0.8	9
54	Phosphorylated p70S6K in noninvasive low-grade urothelial carcinoma of the bladder: correlation with tumor recurrence. <i>Asian Journal of Andrology</i> , 2014, 16, 611.	0.8	9

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55	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.	0.3	9
56	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.	0.2	8
57	Prostate Cancer: Recent Trends in Korea. <i>Urologia Internationalis</i> , 2010, 85, 88-93.	0.6	8
58	Urbanization may affect the incidence of urolithiasis in South Korea. <i>SpringerPlus</i> , 2016, 5, 1891.	1.2	8
59	Low-Dose Unenhanced Computed Tomography with Iterative Reconstruction for Diagnosis of Ureter Stones. <i>Yonsei Medical Journal</i> , 2018, 59, 389.	0.9	8
60	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.	1.0	8
61	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.	1.1	7
62	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.	0.9	7
63	Estimation of renal function using kidney dynamic contrast material-enhanced CT perfusion: accuracy and feasibility. <i>Abdominal Radiology</i> , 2021, 46, 2045-2051.	1.0	7
64	Significance of age and comorbidity as prognostic indicators for patients with bladder cancer. <i>Asian Journal of Andrology</i> , 2010, 12, 766-774.	0.8	7
65	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.	1.1	6
66	Relation of Resistin to Prostate Cancer Differentiation and Aggressiveness. <i>Korean Journal of Urology</i> , 2009, 50, 540.	1.2	6
67	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, 115-120.	1.7	5
68	Influence of Overweight on 24-Hour Urine Chemistry Studies and Recurrent Urolithiasis in Children. <i>Korean Journal of Urology</i> , 2012, 53, 268.	1.2	5
69	Unilateral renal oncocytosis and combined hybrid tumor: a case report and review of the literature. <i>Japanese Journal of Radiology</i> , 2014, 32, 556-560.	1.0	5
70	Usefulness of Nonenhanced Computed Tomography for Diagnosing Urolithiasis without Pyuria in the Emergency Department. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	5
71	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.	1.1	5
72	A novel strategy for treatment of bladder cancer: Antibody-drug conjugates. <i>Investigative and Clinical Urology</i> , 2022, 63, 373.	1.0	5

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73	Trends in the Emergence of Ciprofloxacin-resistant Escherichia coli and the Relationship with Underlying Diseases in Patients with Urinary Tract Infection. Korean Journal of Urology, 2008, 49, 66.	0.2	4
74	Effect of Prostate Biopsy Hemorrhage on MRDW and MRS Imaging. Korean Journal of Urology, 2011, 52, 674.	1.2	4
75	Histopathological differences between prostate cancer foci that are detected and missed using multiparametric magnetic resonance imaging in Korean patients. International Journal of Urology, 2014, 21, 466-472.	0.5	4
76	Combined Poly(Lactide-Co-Glycolide) Microspheres Containing Diphtheria Toxoid for a Single-shot Immunization. AAPS PharmSciTech, 2018, 19, 1160-1167.	1.5	4
77	Neoadjuvant versus adjuvant chemotherapy in bladder cancer: a nationwide cohort study. Journal of Cancer Research and Clinical Oncology, 2022, , 1.	1.2	4
78	The Characteristics of Prostate Cancer with Metabolic Syndrome in Korean Men. Korean Journal of Urology, 2007, 48, 585.	0.2	3
79	Establishment of an Orthotopic Mouse Non-Muscle Invasive Bladder Cancer Model Expressing the Mammalian Target of Rapamycin Signaling Pathway. Journal of Korean Medical Science, 2014, 29, 343.	1.1	3
80	Programmed Cell Death-Ligand 1 Expression Status in Urothelial Carcinoma According to Clinical and Pathological Factors: A Multi-Institutional Retrospective Study. Frontiers in Oncology, 2020, 10, 568809.	1.3	3
81	Clinical Significance of a Single-Core Positive Prostate Cancers Detected on Extended Prostate Needle Biopsy. Korean Journal of Urology, 2006, 47, 475.	0.2	3
82	Anatomical Analysis of Prostate and Surrounding Structures: Points to Consider during Radical Retropubic Prostatectomy. Korean Journal of Urology, 2006, 47, 568.	0.2	2
83	Prostate Specific Antigen Velocity per Prostate Volume: A Novel Tool for Prostate Biopsy Prediction. Urology, 2011, 78, 874-879.	0.5	2
84	Sonographic findings of prescrotal superficial angiomyxoma. Japanese Journal of Radiology, 2015, 33, 216-219.	1.0	2
85	Human Neural Stem Cells Overexpressing a Carboxylesterase Inhibit Bladder Tumor Growth. Molecular Cancer Therapeutics, 2016, 15, 1201-1207.	1.9	2
86	NBR1 and KIF14 Downstream of the Mammalian Target of Rapamycin Pathway Predict Recurrence in Nonmuscle Invasive Low Grade Urothelial Carcinoma of the Bladder. The Korean Journal of Urological Oncology, 2017, 15, 28-37.	0.1	2
87	Immunotherapeutic effects of recombinant Bacillus Calmette-Guérin containing <i>hTERT</i> gene in <i>ex vivo</i> and <i>in vivo</i> bladder cancer models. Investigative and Clinical Urology, 2022, 63, 228.	1.0	2
88	The Clinical Significance of Serum and Urine Cytokines in Patients with Acute Uncomplicated Pyelonephritis. Korean Journal of Urology, 2009, 50, 33.	0.2	1
89	Delayed Presentation of Intravesical Bone Penetration after Pelvic Ring Fracture. Korean Journal of Urology, 2012, 53, 887.	1.2	1
90	Relaxing Effect of Acetylcholine on Phenylephrine-Induced Contraction of Isolated Rabbit Prostate Strips Is Mediated by Neuronal Nitric Oxide Synthase. Korean Journal of Urology, 2013, 54, 333.	1.2	1

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91	Molecular Defense Mechanisms during Urinary Tract Infection. <i>Urogenital Tract Infection</i> , 2015, 10, 57.	0.1	1
92	Murine $\hat{\iota}^2$ -defensin-2 may regulate the effect of bacillus Calmette-GuÃ©rin (BCG) in normal mouse bladder. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 111.e9-111.e16.	0.8	1
93	Infectious Complications after Prostate Biopsy: A Prospective Multicenter Prostate Biopsy Study. <i>Urogenital Tract Infection</i> , 2016, 11, 17.	0.1	1
94	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.	1.0	1
95	The Effects of Recombinant Bacillus Calmette-GuÃ©rin 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
96	Application of Bioprinting to Cancer Research. <i>The Korean Journal of Urological Oncology</i> , 2018, 16, 52-57.	0.1	1
97	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	1
98	Editorial Comment. <i>Journal of Urology</i> , 2009, 182, 2651-2651.	0.2	0
99	Modulation of Antimicrobial Peptide Human $\hat{\iota}^2$ -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.	0.1	0
100	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.	0.5	0
101	Clinicopathological Significance of the Lymphovascular Invasion Detected in Specimens from Radical Retropubic Prostatectomies. <i>Korean Journal of Urology</i> , 2006, 47, 757.	0.2	0
102	The Significance of Persistent Abnormal Urine Cytology. <i>Korean Journal of Urology</i> , 2009, 50, 125.	1.2	0
103	Manipulating the Angiogenesis by Inflammation. <i>The Korean Journal of Urological Oncology</i> , 2017, 15, 1-10.	0.1	0
104	The Present and Future of the Cancer Microenvironment Bioprinting. <i>The Korean Journal of Urological Oncology</i> , 2017, 15, 103-110.	0.1	0
105	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	0
106	Bacillus Calmette-GuÃ©rin (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	0
107	Approaches for Personalized Drug Development in Bladder Cancer Patients. <i>The Korean Journal of Urological Oncology</i> , 2020, 18, 91-98.	0.1	0
108	New Drugs for Bacillus Calmette GuÃ©rin-Unresponsive Nonmuscle Invasive Bladder Cancer. <i>The Korean Journal of Urological Oncology</i> , 2022, 20, 12-24.	0.1	0

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109	Shifting role of cytoreductive nephrectomy according to type of systemic therapy: A nationwide cohort study. Asian Journal of Surgery, 2022, , .	0.2	0
110	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. , 2019, 14, e0223689.		0
111	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. , 2019, 14, e0223689.		0
112	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. , 2019, 14, e0223689.		0
113	Structure establishment of three-dimensional (3D) cell culture printing model for bladder cancer. , 2019, 14, e0223689.		0
114	The Present and Future of Intravesical Therapy in Bladder Cancer. The Korean Journal of Urological Oncology, 2022, 20, 82-91.	0.1	0