Kyo-Chul Koo

List of Publications by Year in descending order

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113	1,428	20	29
papers	citations	h-index	g-index
121	121	121	2297
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Trends of Presentation and Clinical Outcome of Treated Renal Angiomyolipoma. Yonsei Medical Journal, 2010, 51, 728.	2.2	63
2	Reduction of the CD16â^'CD56bright NK Cell Subset Precedes NK Cell Dysfunction in Prostate Cancer. PLoS ONE, 2013, 8, e78049.	2.5	59
3	Tumor Lesion Diameter on Diffusion Weighted Magnetic Resonance Imaging Could Help Predict Insignificant Prostate Cancer in Patients Eligible for Active Surveillance: Preliminary Analysis. Journal of Urology, 2013, 190, 1213-1217.	0.4	50
4	R-LESS Partial Nephrectomy Trifecta Outcome Is Inferior to Multiport Robotic Partial Nephrectomy: Comparative Analysis. European Urology, 2014, 66, 512-517.	1.9	49
5	Current Status and Application of Metformin for Prostate Cancer: A Comprehensive Review. International Journal of Molecular Sciences, 2020, 21, 8540.	4.1	47
6	Predictors of survival in prostate cancer patients with bone metastasis and extremely high prostate-specific antigen levels. Prostate International, 2015, 3, 10-15.	2.3	39
7	Current Status and Future Perspectives of Checkpoint Inhibitor Immunotherapy for Prostate Cancer: A Comprehensive Review. International Journal of Molecular Sciences, 2020, 21, 5484.	4.1	36
8	Prostatic Urethral Angulation Associated With Urinary Flow Rate and Urinary Symptom Scores in Men With Lower Urinary Tract Symptoms. Urology, 2012, 80, 1333-1337.	1.0	33
9	The Impact of Preoperative α-Adrenergic Antagonists on Ureteral Access Sheath Insertion Force and the Upper Limit of Force Required to Avoid Ureteral Mucosal Injury: A Randomized Controlled Study. Journal of Urology, 2018, 199, 1622-1630.	0.4	33
10	Subcutaneous Fat Distribution is a Prognostic Biomarker for Men with Castration Resistant Prostate Cancer. Journal of Urology, 2018, 200, 114-120.	0.4	32
11	Effect of Androgen-Deprivation Therapy on Bone Mineral Density in Patients with Prostate Cancer: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2019, 8, 113.	2.4	30
12	Current Status and Future Perspectives of Immunotherapy for Locally Advanced or Metastatic Urothelial Carcinoma: A Comprehensive Review. Cancers, 2020, 12, 192.	3.7	30
13	Prognostic Impacts of Metastatic Site and Pain on Progression to Castrate Resistance and Mortality in Patients with Metastatic Prostate Cancer. Yonsei Medical Journal, 2015, 56, 1206.	2.2	28
14	Low-risk Prostate Cancer Patients Without Visible Tumor (T1c) On Multiparametric MRI Could Qualify for Active Surveillance Candidate Even If They Did Not Meet Inclusion Criteria of Active Surveillance Protocol. Japanese Journal of Clinical Oncology, 2013, 43, 553-558.	1.3	27
15	Current Status and Future Perspectives of Androgen Receptor Inhibition Therapy for Prostate Cancer: A Comprehensive Review. Biomolecules, 2021, 11, 492.	4.0	26
16	Efficacy of Octreotide for Management of Lymphorrhea After Pelvic Lymph Node Dissection in Radical Prostatectomy. Urology, 2010, 76, 398-401.	1.0	24
17	External validation of the RENAL nephrometry score nomogram for predicting high-grade renal cell carcinoma in solid, enhancing, and small renal masses. World Journal of Urology, 2014, 32, 249-255.	2.2	24
18	Mirabegron as a treatment for overactive bladder symptoms in men (MIRACLE study): Efficacy and safety results from a multicenter, randomized, doubleâ€blind, placeboâ€controlled, parallel comparison phase IV study. Neurourology and Urodynamics, 2019, 38, 295-304.	1.5	24

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19	Significance of Neutrophil-to-Lymphocyte Ratio as a Novel Indicator of Spontaneous Ureter Stone Passage. Yonsei Medical Journal, 2017, 58, 988.	2.2	22
20	Long short-term memory artificial neural network model for prediction of prostate cancer survival outcomes according to initial treatment strategy: development of an online decision-making support system. World Journal of Urology, 2020, 38, 2469-2476.	2.2	22
21	Analgesic Opioid Dose Is an Important Indicator of Postoperative Ileus Following Radical Cystectomy with Ileal Conduit: Experience in the Robotic Surgery Era. Yonsei Medical Journal, 2014, 55, 1359.	2.2	21
22	Feasibility of robot-assisted radical prostatectomy for very-high risk prostate cancer: surgical and oncological outcomes in men aged ≥70 years. Prostate International, 2014, 2, 127-132.	2.3	21
23	Effects of Chemical Castration on Sex Offenders in Relation to the Kinetics of Serum Testosterone Recovery: Implications for Dosing Schedule. Journal of Sexual Medicine, 2014, 11, 1316-1324.	0.6	20
24	Treatment outcomes of chemical castration on Korean sex offenders. Journal of Clinical Forensic and Legal Medicine, 2013, 20, 563-566.	1.0	19
25	ls Type-2 Diabetes Mellitus Associated With Overactive Bladder Symptoms in Men With Lower Urinary Tract Symptoms?. Urology, 2014, 84, 670-674.	1.0	19
26	Impact of metabolic syndrome-related factors on the development of benign prostatic hyperplasia and lower urinary tract symptoms in Asian population. Medicine (United States), 2019, 98, e17635.	1.0	18
27	A Simple Procedure to Prevent Postoperative Inguinal Hernia after Robot-Assisted Laparoscopic Radical Prostatectomy: A Plugging Method of the Internal Inguinal Floor for Patients with Patent Processus Vaginalis. Journal of Urology, 2014, 191, 468-472.	0.4	17
28	Urologic cancers in Korea. Japanese Journal of Clinical Oncology, 2015, 45, 805-811.	1.3	17
29	Oncological outcomes after partial vs radical nephrectomy in renal cell carcinomas of â‰ಢ cm with presumed renal sinus fat invasion on preoperative imaging. BJU International, 2016, 117, 87-93.	2.5	17
30	Treatment of Oligometastatic Hormone-Sensitive Prostate Cancer: A Comprehensive Review. Yonsei Medical Journal, 2018, 59, 567.	2.2	17
31	Global Survey of the Roles and Attitudes Toward Social Media Platforms Amongst Urology Trainees. Urology, 2021, 147, 64-67.	1.0	17
32	Hematuria Grading Scale: A New Tool for Gross Hematuria. Urology, 2013, 82, 284-289.	1.0	16
33	Clinical Significance of Lymph Node Dissection in Patients with Muscle-Invasive Upper Urinary Tract Transitional Cell Carcinoma Treated with Nephroureterectomy. Journal of Korean Medical Science, 2009, 24, 674.	2.5	15
34	Robotâ€assisted radical prostatectomy in the <scp>K</scp> orean population: A 5â€year propensityâ€score matched comparative analysis versus open radical prostatectomy. International Journal of Urology, 2014, 21, 781-785.	1.0	15
35	Cancer-Specific Mortality Among Korean Men with Localized or Locally Advanced Prostate Cancer Treated with Radical Prostatectomy Versus Radiotherapy: A Multi-Center Study Using Propensity Scoring and Competing Risk Regression Analyses. Cancer Research and Treatment, 2018, 50, 129-137.	3.0	15
36	Laparoendoscopic Management of Midureteral Strictures. Korean Journal of Urology, 2014, 55, 2.	1.2	14

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37	Risk and Management of Postoperative Urinary Retention Following Spinal Surgery. International Neurourology Journal, 2017, 21, 320-328.	1.2	14
38	Obesity Is Not Associated with Increased Operative Complications in Single-Site Robotic Partial Nephrectomy. Yonsei Medical Journal, 2015, 56, 382.	2.2	13
39	Prognostic Impact of Time to Undetectable Prostate-Specific Antigen in Patients with Positive Surgical Margins Following Radical Prostatectomy. Annals of Surgical Oncology, 2015, 22, 693-700.	1.5	13
40	Immunology and Immunotherapeutic Approaches for Advanced Renal Cell Carcinoma: A Comprehensive Review. International Journal of Molecular Sciences, 2021, 22, 4452.	4.1	13
41	Single Positive Lymph Node Prostate Cancer Can Be Treated Surgically without Recurrence. PLoS ONE, 2016, 11, e0152391.	2,5	13
42	Open versus robotic radical prostatectomy: a prospective analysis based on a single surgeon's experience. Journal of Robotic Surgery, 2008, 2, 235-241.	1.8	12
43	Number of positive preoperative biopsy cores is a predictor of positive surgical margins (<scp>PSM</scp>) in small prostates after robotâ€assisted radical prostatectomy (<scp>RARP</scp>). BJU International, 2015, 116, 897-904.	2,5	12
44	Impact of clinical trial participation on survival in patients with castration-resistant prostate cancer: a multi-center analysis. BMC Cancer, 2018, 18, 468.	2.6	12
45	Quantitation of hypoechoic lesions for the prediction and Gleason grading of prostate cancer: a prospective study. World Journal of Urology, 2018, 36, 1059-1065.	2.2	11
46	Comparison of the delta neutrophil index with procalcitonin, erythrocyte sedimentation rate, and C-reactive protein as predictors of sepsis in patients with acute prostatitis. Prostate International, 2018, 6, 157-161.	2.3	11
47	A Deep Belief Network and Dempster-Shafer-Based Multiclassifier for the Pathology Stage of Prostate Cancer. Journal of Healthcare Engineering, 2018, 2018, 1-8.	1.9	11
48	Impact of Lifestyle Intervention for Patients with Prostate Cancer. American Journal of Health Behavior, 2020, 44, 90-99.	1.4	11
49	Assessing the anatomical characteristics of renal masses has a limited effect on the prediction of pathological outcomes in solid, enhancing, small renal masses: results using the <scp>PADUA</scp> classification system. BJU International, 2014, 113, 754-761.	2,5	10
50	Nonvisible tumors on multiparametric magnetic resonance imaging does not predict low-risk prostate cancer. Prostate International, 2015, 3, 127-131.	2.3	10
51	Comprehensive analysis and validation of contemporary survival prognosticators in Korean patients with metastatic renal cell carcinoma treated with targeted therapy: prognostic impact of pretreatment neutrophil-to-lymphocyte ratio. International Urology and Nephrology, 2016, 48, 985-992.	1.4	10
52	What is the most effective local anesthesia for transrectal ultrasonography-guided biopsy of the prostate? A systematic review and network meta-analysis of 47 randomized clinical trials. Scientific Reports, 2019, 9, 4901.	3.3	10
53	Optimal sequencing strategy using docetaxel and androgen receptor axis-targeted agents in patients with castration-resistant prostate cancer: utilization of neutrophil-to-lymphocyte ratio. World Journal of Urology, 2019, 37, 2375-2384.	2.2	10
54	Extended lymph node dissection in robot-assisted radical prostatectomy: lymph node yield and distribution of metastases. Asian Journal of Andrology, 2014, 16, 824.	1.6	10

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55	Peripheral zone prostate-specific antigen density: an effective parameter for prostate cancer prediction in men receiving 5î±-reductase inhibitors. Prostate International, 2013, 1, 102-108.	2.3	9
56	Low body mass index is associated with adverse oncological outcomes following radical prostatectomy in Korean prostate cancer patients. International Urology and Nephrology, 2014, 46, 1935-1940.	1.4	9
57	Survival Outcomes of Concurrent Treatment with Docetaxel and Androgen Deprivation Therapy in Metastatic Castration-Resistant Prostate Cancer. Yonsei Medical Journal, 2016, 57, 1070.	2.2	9
58	Diagnostic impact of dysmorphic red blood cells on evaluating microscopic hematuria: the urologist's perspective. International Urology and Nephrology, 2016, 48, 1021-1027.	1.4	9
59	Pathological and oncological features of Korean prostate cancer patients eligible for active surveillance: analysis from the K-CaP registry. Japanese Journal of Clinical Oncology, 2017, 47, 981-985.	1.3	9
60	Optimal Triage for COVID-19 Patients Under Limited Health Care Resources With a Parsimonious Machine Learning Prediction Model and Threshold Optimization Using Discrete-Event Simulation: Development Study. JMIR Medical Informatics, 2021, 9, e32726.	2.6	9
61	The Relationship between Metabolic Syndrome and Prostate Volume in Men Over Sixties who Underwent Prostate Health Check-up. Korean Journal of Urology, 2008, 49, 813.	0.2	8
62	Accuracy of Urinary Neutrophil Gelatinase-Associated Lipocalin in Quantifying Acute Kidney Injury after Partial Nephrectomy in Patients with Normal Contralateral Kidney. PLoS ONE, 2015, 10, e0133675.	2.5	8
63	Impact of metformin on serum prostate-specific antigen levels. Medicine (United States), 2017, 96, e9427.	1.0	8
64	Development of prediction models of spontaneous ureteral stone passage through machine learning: Comparison with conventional statistical analysis. PLoS ONE, 2021, 16, e0260517.	2.5	8
65	Prognostic Impact of Synchronous Second Primary Malignancies on the Overall Survival of Patients with Metastatic Prostate Cancer. Journal of Urology, 2015, 193, 1239-1244.	0.4	7
66	The role of prostatic apex shape in voiding symptoms and urine flow: an exploratory and confirmatory study. World Journal of Urology, 2020, 38, 1275-1282.	2.2	7
67	The prognostic effect of prostate-specific antigen half-life at the first follow-up visit in newly diagnosed metastatic prostate cancer. Urologic Oncology: Seminars and Original Investigations, 2015, 33, 383.e17-383.e22.	1.6	6
68	Impact of preoperative calculation of nephron volume loss on future of partial nephrectomy techniques; planning a strategic roadmap for improving functional preservation and securing oncological safety. BJU International, 2017, 120, 682-688.	2.5	6
69	The impact of a family history of prostate cancer on the prognosis and features of the disease in Korea: results from a cross-sectional longitudinal pilot study. International Urology and Nephrology, 2017, 49, 2119-2125.	1.4	6
70	Pathophysiology of Bone Loss in Patients with Prostate Cancer Receiving Androgen-Deprivation Therapy and Lifestyle Modifications for the Management of Bone Health: A Comprehensive Review. Cancers, 2020, 12, 1529.	3.7	6
71	Global survey evaluating drawbacks of social media usage for practising urologists. BJU International, 2020, 126, 7-8.	2.5	6
72	The association of depression with lower urinary tract symptoms: data from the National Health and Nutrition Examination Survey, 2005–2008. PeerJ, 2019, 7, e7795.	2.0	6

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73	Tubeless percutaneous nephrolithotomy with non-absorbable hemostatic sealant (Quikclot $\hat{A}^{@}$) versus nephrostomy tube placement: a propensity score-matched analysis. Urolithiasis, 2015, 43, 527-533.	2.0	5
74	Long-Term Results of the Plugging Method with Regard to the Prevention of a Postoperative Inguinal Hernia After Robot-Assisted Laparoscopic Prostatectomy: A Retrospective Study. Journal of Endourology, 2017, 31, 1183-1188.	2.1	5
75	Time to Disease Recurrence Is a Predictor of Metastasis and Mortality in Patients with High-risk Prostate Cancer Who Achieved Undetectable Prostate-specific Antigen Following Robot-assisted Radical Prostatectomy. Journal of Korean Medical Science, 2018, 33, e285.	2.5	5
76	Effects of age and comorbidity on survival vary according to risk grouping among patients with prostate cancer treated using radical prostatectomy. Medicine (United States), 2018, 97, e12766.	1.0	5
77	Is Pelvic Plexus Block Superior to Periprostatic Nerve Block for Pain Control during Transrectal Ultrasonography-Guided Prostate Biopsy? A Double-Blind, Randomized Controlled Trial. Journal of Clinical Medicine, 2019, 8, 557.	2.4	5
78	Physical Activity and Subjective Vitality in Older Adults From Community-and Assisted-Living Settings. Asian Nursing Research, 2019, 13, 313-317.	1.4	5
79	Unrecognized Kinetics of Serum Testosterone: Impact on Short-Term Androgen Deprivation Therapy for Prostate Cancer. Yonsei Medical Journal, 2014, 55, 570.	2.2	4
80	Analysis of different tumor volume thresholds of insignificant prostate cancer and their implications for active surveillance patient selection and monitoring. Prostate International, 2014, 2, 76-81.	2.3	4
81	Transurethral resection of the prostate for patients with Gleason score 6 prostate cancer and symptomatic prostatic enlargement: a risk-adaptive strategy for the era of active surveillance. Japanese Journal of Clinical Oncology, 2015, 45, 785-790.	1.3	4
82	Pathological Characteristics of Prostate Cancer in Men Aged < 50 Years Treated with Radical Prostatectomy: a Multi-Centre Study in Korea. Journal of Korean Medical Science, 2019, 34, e78.	2.5	4
83	Efficacy and Safety of Ultrasonic Longitudinal-Axis Vibration for the Reduction of Ureteral Access Sheath Insertion Force: A Randomized Controlled Trial in a Porcine Model. Journal of Endourology, 2019, 33, 140-145.	2.1	4
84	Visceral Adiposity as a Significant Predictor of Sunitinib-Induced Dose-Limiting Toxicities and Survival in Patients with Metastatic Clear Cell Renal Cell Carcinoma. Cancers, 2020, 12, 3602.	3.7	4
85	External Validation of the Long Short-Term Memory Artificial Neural Network-Based SCaP Survival Calculator for Prediction of Prostate Cancer Survival. Cancer Research and Treatment, 2021, 53, 558-566.	3.0	4
86	Clinical experience with active surveillance protocol using regular magnetic resonance imaging instead of regular repeat biopsy for monitoring: A study at a high-volume center in Korea. Prostate International, 2021, 9, 90-95.	2.3	4
87	Comparison of prostate cancer detection rates of various prostate biopsy methods for patients with prostate-specific antigen levels of $< 10.0 \text{ ng/mL}$ in real-world practice. Investigative and Clinical Urology, 2020, 61, 28.	2.0	4
88	Re-stratification of Patients with High-Risk Prostate Cancer According to the NCCN Guidelines among Patients Who Underwent Radical Prostatectomy: An Analysis Based on the K-CaP Registry. Cancer Research and Treatment, 2018, 50, 88-94.	3.0	4
89	Can microfocal prostate cancer be regarded as low-risk prostate cancer?. Prostate International, 2013, 1, 158-162.	2.3	3
90	Prostate-Specific Antigen Kinetics Following $5l\pm$ -Reductase Inhibitor Treatment May Be a Useful Indicator for Repeat Prostate Biopsy. Yonsei Medical Journal, 2018, 59, 219.	2.2	3

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91	Functional Evaluation of Upper Urinary Tract with Diuretic Mercaptoacetyltriglycine Renal Scans in Patients with Benign Prostatic Obstruction before and after Surgical Intervention: A Pilot Study. BioMed Research International, 2020, 2020, 1-10.	1.9	3
92	Development and Validation of the Stent Tracking Algorithm Registry for Monitoring and Retrieving Forgotten Ureteral Stents. Journal of Endourology, 2021, 35, 1130-1134.	2.1	3
93	Prevalence and Management of Lower Urinary Tract Symptoms in Methamphetamine Abusers: An Under-Recognized Clinical Identity. Journal of Urology, 2014, 191, 722-726.	0.4	2
94	Indications for a second prostate biopsy in patients suspected with prostate cancer after an initial negative prostate biopsy. Prostate International, 2017, 5, 24-28.	2.3	2
95	Effect of Climatic Parameters on Acute Urinary Retention Incidence. LUTS: Lower Urinary Tract Symptoms, 2018, 10, 297-302.	1.3	2
96	Effect of Prior Local Treatment and Prostate-Specific Antigen Kinetics during Androgen-Deprivation Therapy on the Survival of Castration-Resistant Prostate Cancer. Scientific Reports, 2019, 9, 11899.	3.3	2
97	Stratification based on adverse laboratory/pathological features for predicting overall survival in patients undergoing radical prostatectomy. Medicine (United States), 2019, 98, e17931.	1.0	2
98	Effect of systemic atherosclerosis on overactive bladder symptoms in men with benign prostatic hyperplasia. LUTS: Lower Urinary Tract Symptoms, 2022, 14, 35-40.	1.3	2
99	Efficacy of additional periprostatic apex nerve block on pain in each of 12 transrectal prostate core biopsies: a retrospective study. BMC Urology, 2021, 21, 132.	1.4	2
100	The association of family history of prostate cancer with the diagnosis of clinically significant prostate cancer in Korean population. Investigative and Clinical Urology, 2019, 60, 442.	2.0	2
101	Clinical Factors Associated With the Feeling of Incomplete Bladder Emptying in Women With Little Postvoided Residue. International Neurourology Journal, 2020, 24, 172-179.	1.2	2
102	Is targeted biopsy really needed when performing systematic prostate biopsy to raise the detection rate for prostate cancer in patients with prostate-specific antigen â‰Φ0 ng/mL?. Medicine (United States), 2019, 98, e18505.	1.0	1
103	Predictive factors for the development of renal insufficiency following partial nephrectomy and subsequent renal function recovery. Medicine (United States), 2019, 98, e15516.	1.0	1
104	Prediction of biochemical failure using prostate-specific antigen half-life in patients with adverse pathologic features after radical prostatectomy. World Journal of Urology, 2019, 37, 1321-1328.	2.2	1
105	Optimal duration of preoperative antibiotic treatment prior to ureteroscopic lithotripsy to prevent postoperative systemic inflammatory response syndrome in patients presenting with urolithiasis-induced obstructive acute pyelonephritis. Investigative and Clinical Urology, 2021, 62, 681.	2.0	1
106	Usefulness of Prostate-Specific Antigen Density as an Indicator for Recommending Prebiopsy Magnetic Resonance Imaging to Prevent Missed Prostate Cancer Diagnoses. The Korean Journal of Urological Oncology, 2021, 19, 155-163.	0.1	1
107	Impact of Cerebrovascular Disease on Survival Benefits from Local Treatment in Patients with De Novo Metastatic Hormone-Sensitive Prostate Cancer. Yonsei Medical Journal, 2019, 60, 1129.	2.2	1
108	Pain control according to the periprostatic nerve block site in magnetic resonance imaging/transrectal targeted prostate biopsy. Scientific Reports, 2022, 12, 772.	3.3	1

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109	The Association of A Number of Predictive Factors for The Recurrence of Papillary Urothelial Neoplasm of Low Malignant Potential: Prognostic Analysis From Multiple Academic Centers. Urology Journal, 2019, 16, 558-562.	0.4	1
110	Korean Version of the Patient Perception of Study Medication Questionnaire: Translation and Linguistic Validation. International Neurourology Journal, 2021 , .	1.2	0
111	Video-Assisted Minilaparotomy Surgery (VAMS): Challenging Cases of Nephron-Sparing Surgery in a Solitary Kidney. Korean Journal of Urology, 2009, 50, 288.	1.2	0
112	Optimal PSA Threshold for Androgen-Deprivation Therapy in Patients with Prostate Cancer following Radical Prostatectomy and Adjuvant Radiation Therapy. Yonsei Medical Journal, 2020, 61, 652.	2.2	0
113	Prostate-Specific Antigen Variation as a Predictor of Prostate Cancer in Patients With Prostate-Specific Antigen â‰20 ng/mL Who Underwent Magnetic Resonance Imaging-Targeted Prostate Biopsy. The Korean Journal of Urological Oncology, 2022, 20, 123-132.	0.1	0