

# Sang-Chul Lee

## List of Publications by Year in descending order

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93  
papers

953  
citations

471509

17  
h-index

580821

25  
g-index

95  
all docs

95  
docs citations

95  
times ranked

1697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Versus Robot-Assisted Partial Nephrectomy: Effect on Clinical Outcome. Journal of Endourology, 2011, 25, 1181-1185.	2.1	71
2	Visceral Obesity in Predicting Oncologic Outcomes of Localized Renal Cell Carcinoma. Journal of Urology, 2014, 192, 1043-1049.	0.4	49
3	Effect of Starting Penile Rehabilitation with Sildenafil Immediately after Robot-Assisted Laparoscopic Radical Prostatectomy on Erectile Function Recovery: A Prospective Randomized Trial. Journal of Urology, 2018, 199, 1600-1606.	0.4	44
4	Synergistic antitumor effect of ginsenoside Rg3 and cisplatin in cisplatin-resistant bladder tumor cell line. Oncology Reports, 2014, 32, 1803-1808.	2.6	37
5	The establishment of KORCC (Korean Renal Cell Carcinoma) database. Investigative and Clinical Urology, 2016, 57, 50.	2.0	30
6	Correlation Between the Timing of Diagnostic Ureteroscopy and Intravesical Recurrence in Upper Tract Urothelial Cancer. Clinical Genitourinary Cancer, 2016, 14, e37-e41.	1.9	27
7	Prognostic Value of Focal Positive Surgical Margins After Radical Prostatectomy. Clinical Genitourinary Cancer, 2016, 14, e313-e319.	1.9	26
8	Perineural Invasion and Lymphovascular Invasion are Associated with Increased Risk of Biochemical Recurrence in Patients Undergoing Radical Prostatectomy. Annals of Surgical Oncology, 2016, 23, 2699-2706.	1.5	26
9	The Role of c-FLIP in Cisplatin Resistance of Human Bladder Cancer Cells. Journal of Urology, 2013, 189, 2327-2334.	0.4	25
10	Effects of New 1-Step Posterior Reconstruction Method on Recovery of Continence after Robot-Assisted Laparoscopic Prostatectomy: Results of a Prospective, Single-Blind, Parallel Group, Randomized, Controlled Trial. Journal of Urology, 2015, 193, 935-942.	0.4	23
11	Au@Ag assembled on silica nanoprobe for visual semiquantitative detection of prostate-specific antigen. Journal of Nanobiotechnology, 2021, 19, 73.	9.1	23
12	The Nephrometry Score: Is It Effective for Predicting Perioperative Outcome During Robot-Assisted Partial Nephrectomy?. Korean Journal of Urology, 2014, 55, 254.	1.2	21
13	Comparison of robotic and open partial nephrectomy for highly complex renal tumors (RENAL) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2.55 21	0.784314	21
14	Lateral Flow Immunoassay with Quantum-Dot-Embedded Silica Nanoparticles for Prostate-Specific Antigen Detection. Nanomaterials, 2022, 12, 33.	4.1	21
15	Effect of personalized extracorporeal biofeedback device for pelvic floor muscle training on urinary incontinence after robot-assisted radical prostatectomy: A randomized controlled trial. Neurourology and Urodynamics, 2020, 39, 674-681.	1.5	19
16	Mirabegron for treatment of overactive bladder symptoms in patients with Parkinson's disease: A double-blind, randomized placebo-controlled trial (Parkinson's Disease Overactive bladder) Tj ETQq0 0 0 rgBT /Overlock 1 0.75 137	0.75	137
17	Prognostic Significance of Diabetes Mellitus in Localized Renal Cell Carcinoma. Japanese Journal of Clinical Oncology, 2012, 42, 318-324.	1.3	18
18	Theracurmin® efficiently inhibits the growth of human prostate and bladder cancer cells via induction of apoptotic cell death and cell cycle arrest. Oncology Reports, 2016, 35, 1463-1472.	2.6	18

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19	The role of 3-tesla diffusion-weighted magnetic resonance imaging in selecting prostate cancer patients for active surveillance. <i>Prostate International</i> , 2014, 2, 169-175.	2.3	17
20	Urodynamic assessment of bladder and urethral function among men with lower urinary tract symptoms after radical prostatectomy: A comparison between men with and without urinary incontinence. <i>Korean Journal of Urology</i> , 2015, 56, 803.	1.2	17
21	Anticancer effect of S-allyl-L-cysteine via induction of apoptosis in human bladder cancer cells. <i>Oncology Letters</i> , 2018, 15, 623-629.	1.8	17
22	A Novel Mobile Acoustic Uroflowmetry: Comparison With Contemporary Uroflowmetry. <i>International Neurourology Journal</i> , 2021, 25, 150-156.	1.2	17
23	Association of the neutrophil-to-lymphocyte ratio and prostate cancer detection rates in patients via contemporary multi-core prostate biopsy. <i>Asian Journal of Andrology</i> , 2016, 18, 937.	1.6	17
24	Mobile Application-Based Seoul National University Prostate Cancer Risk Calculator: Development, Validation, and Comparative Analysis with Two Western Risk Calculators in Korean Men. <i>PLoS ONE</i> , 2014, 9, e94441.	2.5	15
25	Oncological outcome according to attainment of pentafecta after robot-assisted radical cystectomy in patients with bladder cancer included in the multicentre KORARC database. <i>BJU International</i> , 2021, 127, 182-189.	2.5	15
26	Pre- and Post-Operative Nomograms to Predict Recurrence-Free Probability in Korean Men with Clinically Localized Prostate Cancer. <i>PLoS ONE</i> , 2014, 9, e100053.	2.5	14
27	Impact of diagnostic ureteroscopy before radical nephroureterectomy on intravesical recurrence in patients with upper tract urothelial cancer. <i>Investigative and Clinical Urology</i> , 2020, 61, 158.	2.0	14
28	Prostate cancer detection rate in patients with fluctuating prostate-specific antigen levels on the repeat prostate biopsy. <i>Prostate International</i> , 2014, 2, 26-30.	2.3	13
29	Predictors of renal function after open and robot-assisted partial nephrectomy: A propensity score-matched study. <i>International Journal of Urology</i> , 2019, 26, 377-384.	1.0	12
30	Association between diabetes mellitus and oncological outcomes in bladder cancer patients undergoing radical cystectomy. <i>International Journal of Urology</i> , 2015, 22, 1112-1117.	1.0	11
31	Occupational disparities in bladder cancer survival: A population-based cancer registry study in Japan. <i>Cancer Medicine</i> , 2020, 9, 894-901.	2.8	11
32	Silver-Assembled Silica Nanoparticles in Lateral Flow Immunoassay for Visual Inspection of Prostate-Specific Antigen. <i>Sensors</i> , 2021, 21, 4099.	3.8	11
33	Effects of naftopidil on double-J stent-related discomfort: a multicenter, randomized, double-blinded, placebo-controlled study. <i>Scientific Reports</i> , 2017, 7, 4154.	3.3	10
34	Recurrence after radical and partial nephrectomy in high complex renal tumor using propensity score matched analysis. <i>Scientific Reports</i> , 2021, 11, 2919.	3.3	10
35	Clinical importance of the antibiotic regimen in transrectal ultrasound-guided biopsy: quinolone versus cephalosporin. <i>BMC Urology</i> , 2016, 16, 51.	1.4	9
36	Contemporary trends in radical prostatectomy and predictors of recovery of urinary continence in men aged over 70 years: comparisons between cohorts aged over 70 and less than 70 years. <i>Asian Journal of Andrology</i> , 2020, 22, 280.	1.6	9

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37	Prediction of pathologic upgrading in Gleason score 3+4 prostate cancer: Who is a candidate for active surveillance?. <i>Investigative and Clinical Urology</i> , 2020, 61, 405.	2.0	9
38	Prognostic Significance of the Disparity Between Biopsy and Pathologic Gleason Score After Radical Prostatectomy in Clinical Candidates for Active Surveillance According to the Royal Marsden Criteria. <i>Clinical Genitourinary Cancer</i> , 2016, 14, e329-e333.	1.9	8
39	Analysis of resistance-associated gene expression in docetaxel-resistant prostate cancer cells. <i>Oncology Letters</i> , 2017, 14, 3011-3018.	1.8	8
40	Association between lymphovascular invasion and oncologic outcomes among upper urinary tract urothelial carcinoma patients who underwent radical nephroureterectomy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2863-2870.	2.5	8
41	Evaluation of Polygenic Risk Scores for Prediction of Prostate Cancer in Korean Men. <i>Frontiers in Oncology</i> , 2020, 10, 583625.	2.8	8
42	Prediction of extraprostatic extension on multi-parametric magnetic resonance imaging in patients with anterior prostate cancer. <i>European Radiology</i> , 2020, 30, 26-37.	4.5	7
43	Accurate Risk Assessment of Patients with Pathologic T3aNOMO Renal Cell Carcinoma. <i>Scientific Reports</i> , 2018, 8, 13914.	3.3	6
44	Antitumor effects of MutT homolog 1 inhibitors in human bladder cancer cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 2265-2271.	1.3	6
45	Synchronous Bilateral RCC Is Associated With Poor Recurrence-Free Survival Compared With Unilateral RCC: A Single-Center Study With Propensity Score Matching Analysis. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e570-e580.	1.9	6
46	Suberoylanilide Hydroxamic Acid Can Re-sensitize a Cisplatin-Resistant Human Bladder Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 66-72.	1.4	6
47	Role of F-18 FDG PET/CT in the follow-up of asymptomatic renal cell carcinoma patients for postoperative surveillance: based on conditional survival analysis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 215-224.	2.5	6
48	The Use of Exome Genotyping to Predict Pathological Gleason Score Upgrade after Radical Prostatectomy in Low-Risk Prostate Cancer Patients. <i>PLoS ONE</i> , 2014, 9, e104146.	2.5	6
49	Medical expulsive therapy for ureter stone using naftopidil: A multicenter, randomized, double-blind, and placebo-controlled trial. <i>PLoS ONE</i> , 2017, 12, e0174962.	2.5	6
50	Genetic risk score to predict biochemical recurrence after radical prostatectomy in prostate cancer: prospective cohort study. <i>Oncotarget</i> , 2017, 8, 75979-75988.	1.8	6
51	Prediction of clinically significant prostate cancer using polygenic risk models in Asians. <i>Investigative and Clinical Urology</i> , 2022, 63, 42.	2.0	6
52	Combination of clinical characteristics and transrectal ultrasound-guided biopsy to predict lobes without significant cancer: application in patient selection for hemiablativ focal therapy. <i>Prostate International</i> , 2014, 2, 37-42.	2.3	5
53	Impact of Variations in Prostatic Apex Shape on Apical Margin Positive Rate After Radical Prostatectomy: Robot-Assisted Laparoscopic Radical Prostatectomy vs Open Radical Prostatectomy. <i>Journal of Endourology</i> , 2018, 32, 46-53.	2.1	5
54	Surface Modification of a Stable CdSeZnS/ZnS Alloy Quantum Dot for Immunoassay. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-9.	2.7	5

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55	Open Partial Nephrectomy vs. Robot-assisted Partial Nephrectomy for a Renal Tumor Larger than 4 cm: a Propensity Score Matching Analysis. <i>Journal of Korean Medical Science</i> , 2021, 36, e135.	2.5	5
56	Effect of intraoperative fluid volume on postoperative ileus after robot-assisted radical cystectomy. <i>Scientific Reports</i> , 2021, 11, 10522.	3.3	5
57	Clinical Value of Core Length in Contemporary Multicore Prostate Biopsy. <i>PLoS ONE</i> , 2015, 10, e0123704.	2.5	4
58	A New Sliding-Loop Technique in Renorrhaphy for Partial Nephrectomy. <i>Surgical Innovation</i> , 2016, 23, 130-133.	0.9	4
59	Can robot-assisted laparoscopic radical prostatectomy (RALP) be performed very soon after biopsy?. <i>World Journal of Urology</i> , 2017, 35, 605-612.	2.2	4
60	Comparative analysis of programmed cell death ligand 1 assays in renal cell carcinoma. <i>Histopathology</i> , 2020, 77, 67-78.	2.9	4
61	A single-center long-term experience of active surveillance for prostate cancer: 15 years of follow-up. <i>Investigative and Clinical Urology</i> , 2021, 62, 32.	2.0	4
62	The weekday effect on postoperative mortality in elective abdominal surgery: An observational study using propensity score methods. <i>Surgery</i> , 2021, 170, 186-193.	1.9	4
63	Association between Seminal Vesicle Invasion and Prostate Cancer Detection Location after Transrectal Systemic Biopsy among Men Who Underwent Radical Prostatectomy. <i>PLoS ONE</i> , 2016, 11, e0148690.	2.5	4
64	Effect of Neuromuscular Blockade on Intraoperative Respiratory Mechanics and Surgical Space Conditions during Robot-Assisted Radical Prostatectomy: A Prospective Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 5090.	2.4	4
65	The Prognostic Value of Pathologic Prostate-specific Antigen Mass Ratio in Patients With Localized Prostate Cancer With Negative Surgical Resection Margins. <i>Urology</i> , 2013, 82, 865-869.	1.0	3
66	A clinicogenetic model to predict lymph node invasion by use of genome-based biomarkers from exome arrays in prostate cancer patients. <i>Korean Journal of Urology</i> , 2015, 56, 109.	1.2	3
67	Do Second Primary Cancers Affect the Risk of Biochemical Recurrence in Prostate Cancer Patients Undergoing Radical Prostatectomy? A Propensity Score-Matched Analysis. <i>Clinical Genitourinary Cancer</i> , 2016, 14, e363-e369.	1.9	3
68	Clinical outcomes and prognosis of metastatic prostate cancer patientsâ€™60-year-old. <i>World Journal of Urology</i> , 2021, 39, 4319-4325.	2.2	3
69	Comparison of Differential Functional Outcomes After Partial Nephrectomy Between Moderate and High Complex Renal Tumor Evaluated with Diethylenetriamine Pentaacetic Acid Scan: A Propensity Score Matched Analysis. <i>Annals of Surgical Oncology</i> , 2022, 29, 1476-1485.	1.5	3
70	Development and validation of a clinical nomogram predicting bladder outlet obstruction via routine clinical parameters in men with refractory nonneurogenic lower urinary tract symptoms. <i>Asian Journal of Andrology</i> , 2019, 21, 486.	1.6	3
71	Clinical utility of prostate-specific antigen mass ratio for prediction of prostate cancer detection on a repeated prostate biopsy. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2014, 40, 484-492.	1.5	2
72	Preoperative erectile function and the pathologic features of prostate cancer. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015, 41, 265-273.	1.5	2

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73	Evaluation of functional outcome of bilateral kidney tumors after sequential surgery. <i>BMC Cancer</i> , 2021, 21, 592.	2.6	2
74	Predicting factor analysis of postoperative complications after robot-assisted radical cystectomy: Multicenter KORARC database study. <i>International Journal of Urology</i> , 2022, 29, 939-946.	1.0	2
75	Development of an Automatic Interpretation Algorithm for Uroflowmetry Results: Application of Artificial Intelligence. <i>International Neurourology Journal</i> , 2022, 26, 69-77.	1.2	2
76	A Novel Acoustic Uroflowmetry-Based Mobile App Voiding Diary: Comparison with Conventional Paper-Based Voiding Diary. <i>BioMed Research International</i> , 2022, 2022, 1-7.	1.9	2
77	Surgical castration efficiently delays the time of starting a systemic chemotherapy in castration-resistant prostate cancer patients refractory to initial androgen-deprivation therapy. <i>Prostate International</i> , 2015, 3, 123-126.	2.3	1
78	Clinical effect of abiraterone acetate in Korean patients with metastatic castration-resistant prostate cancer according to duration of androgen deprivation therapy. <i>Korean Journal of Urology</i> , 2015, 56, 580.	1.2	1
79	Clinical Importance of Antibiotic Regimen in Transrectal Ultrasound-Guided Prostate Biopsy: A Single Center Analysis of Nine Thousand Four Hundred Eighty-Seven Cases. <i>Surgical Infections</i> , 2018, 19, 704-710.	1.4	1
80	Subclassification of pathologically organ-confined (pT2) prostate cancer does not significantly predict postoperative outcomes in Korean males. <i>Investigative and Clinical Urology</i> , 2020, 61, 35.	2.0	1
81	Favorable intermediate risk prostate cancer with biopsy Gleason score of 6. <i>BMC Urology</i> , 2021, 21, 52.	1.4	1
82	Does prostate-specific antigen (PSA) mass or free PSA mass improve the accuracy of predicting total prostate volume in relation to obesity in men with biopsy-proven benign prostatic hyperplasia?. <i>Asian Journal of Andrology</i> , 2019, 21, 86.	1.6	1
83	Clinical Implication of Adherent Perinephric Fat in Robot-Assisted Partial Nephrectomy: Validation With Video Review. <i>Frontiers in Surgery</i> , 2022, 9, 840664.	1.4	1
84	Genome-wide detection of allelic genetic variation to predict advanced-stage prostate cancer after radical prostatectomy using an exome SNP chip. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 385.e7-385.e13.	1.6	0
85	Comparison of Accuracies between Real-Time Nonrigid and Rigid Registration in the MRI-US Fusion Biopsy of the Prostate. <i>Diagnostics</i> , 2021, 11, 1481.	2.6	0
86	Focal lesion at the midline of the prostate on transrectal ultrasonography: take it or leave it?. <i>Ultrasonography</i> , 2017, 36, 10-16.	2.3	0
87	Comprehensive genetic characterization of TFE3-positive renal cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2018, 36, 635-635.	1.6	0
88	Pelvic lymph node metastases in prostate cancer: Preoperative detection with dynamic contrast-enhanced magnetic resonance imaging compared with postoperative pathologic result of pelvic lymph node dissection.. <i>Journal of Clinical Oncology</i> , 2018, 36, 171-171.	1.6	0
89	The validity of repeat prostate biopsy in prior biopsy negative patients: MRI-TRUS fusion guided biopsy.. <i>Journal of Clinical Oncology</i> , 2018, 36, 95-95.	1.6	0
90	What is the most important predictor of renal function after opened and robotic partial nephrectomy? A propensity score matched study.. <i>Journal of Clinical Oncology</i> , 2018, 36, 701-701.	1.6	0

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91	A Study on the Complications and Pathologic Results of the Patients Undergoing Magnetic Resonance Imaging Guided Prostate Biopsy. The Korean Journal of Urological Oncology, 2018, 16, 63-68.	0.1	0
92	Perioperative Outcomes of Different Surgical Methods Among Bladder Cancer Patients Undergoing Radical Cystectomy With Neobladder Urinary Diversion. The Korean Journal of Urological Oncology, 2021, 19, 261-270.	0.1	0
93	Gender-related outcomes in robot-assisted radical cystectomy: A multi-institutional study. Investigative and Clinical Urology, 2022, 63, 53.	2.0	0