Ketan K Badani

List of Publications by Citations

89 papers	1,866 citations	19 h-index	41 g-index
101 ext. papers	2,263 ext. citations	3.9 avg, IF	4.61 L-index

#	Paper	IF	Citations
89	Vattikuti Institute prostatectomy: contemporary technique and analysis of results. *European Urology*, **2007**, 51, 648-57; discussion 657-8	10.2	389
88	Single luminal epithelial progenitors can generate prostate organoids in culture. *Nature Cell Biology* , **2014**, 16, 951-61, 1-4	23.4	208
87	Analysis of intracorporeal compared with extracorporeal urinary diversion after robot-assisted radical cystectomy: results from the International Robotic Cystectomy Consortium. *European Urology*, **2014**, 65, 340-7	10.2	196
86	Robotic radical prostatectomy with the "Veil of Aphrodite" technique: histologic evidence of enhanced nerve sparing. *European Urology*, **2006**, 49, 1065-73; discussion 1073-4	10.2	128
85	Venous thromboembolism after major urologic oncology surgery: a focus on the incidence and timing of thromboembolic events after 27,455 operations. *Urology*, **2014**, 84, 799-806	1.6	69
84	Heterogeneity in renal cell carcinoma. *Urologic Oncology: Seminars and Original Investigations*, **2017**, 35, 507-515	2.8	49
83	A Nomogram to Predict Significant Estimated Glomerular Filtration Rate Reduction After Robotic Partial Nephrectomy. *European Urology*, **2018**, 74, 833-839	10.2	45
82	Effect of 3-Dimensional Virtual Reality Models for Surgical Planning of Robotic-Assisted Partial Nephrectomy on Surgical Outcomes: A Randomized Clinical Trial. *JAMA Network Open*, **2019**, 2, e1911598	10.4	43
81	Effect of a genomic classifier test on clinical practice decisions for patients with high-risk prostate cancer after surgery. *BJU International*, **2015**, 115, 419-29	5.6	39
80	Urine Exosomes for Non-Invasive Assessment of Gene Expression and Mutations of Prostate Cancer. *PLoS ONE*, **2016**, 11, e0154507	3.7	34
79	Robot-assisted partial nephrectomy: continued refinement of outcomes beyond the initial learning curve. *BJU International*, **2017**, 119, 748-754	5.6	32
78	Delay from biopsy to radical prostatectomy influences the rate of adverse pathologic outcomes. *Prostate*, **2015**, 75, 1085-91	4.2	28
77	Impact of the 2012 United States Preventive Services Task Force statement on prostate-specific antigen screening: analysis of urologic and primary care practices. *Urology*, **2015**, 85, 85-9	1.6	27
76	Society of Robotic Surgery review: recommendations regarding the risk of COVID-19 transmission during minimally invasive surgery. *BJU International*, **2020**, 126, 225-234	5.6	26
75	Comparison of Renal Parenchymal Volume Preservation Between Partial Nephrectomy, Cryoablation, and Radiofrequency Ablation Using 3D Volume Measurements. *Journal of Endourology*, **2015**, 29, 948-55	2.7	25
74	The Impact of a Biopsy Based 17-Gene Genomic Prostate Score on Treatment Recommendations in Men with Newly Diagnosed Clinically Prostate Cancer Who are Candidates for Active Surveillance. *Urology Practice*, **2015**, 2, 181-189	0.8	24
73	Selective arterial clamping does not improve outcomes in robot-assisted partial nephrectomy: a propensity-score analysis of patients without impaired renal function. *BJU International*, **2017**, 119, 430-435	5.6	23

72	Increasing volume of non-neoplastic parenchyma in partial nephrectomy specimens is associated with chronic kidney disease upstaging. *Clinical Genitourinary Cancer*, **2015**, 13, 239-43	3.3	22
71	Impact of a Genomic Classifier of Metastatic Risk on Postprostatectomy Treatment Recommendations by Radiation Oncologists and Urologists. *Urology*, **2015**, 86, 35-40	1.6	20
70	Predicting acute kidney injury after robot-assisted partial nephrectomy: Implications for patient selection and postoperative management. *Urologic Oncology: Seminars and Original Investigations*, **2019**, 37, 445-451	2.8	17
69	Prospective implementation of a nonopioid protocol for patients undergoing robot-assisted radical cystectomy with extracorporeal urinary diversion. *Urologic Oncology: Seminars and Original Investigations*, **2019**, 37, 300.e17-300.e23	2.8	17
68	Robot-assisted nephroureterectomy and bladder cuff excision without patient or robot repositioning: description of modified port placement and technique. *Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A*, **2014**, 24, 647-50	2.1	17
67	The association between socioeconomic status, renal cancer presentation, and survival in the United States: a survival, epidemiology, and end results analysis. *Urology*, **2014**, 84, 583-9	1.6	16
66	Genomic differences between black and white patients implicate a distinct immune response to papillary renal cell carcinoma. *Oncotarget*, **2017**, 8, 5196-5205	3.3	16
65	COVID-19 and Kidney Disease: Molecular Determinants and Clinical Implications in Renal Cancer. *European Urology Focus*, **2020**, 6, 1086-1096	5.1	15
64	Characterization of solid renal neoplasms using MRI-based quantitative radiomics features. *Abdominal Radiology*, **2020**, 45, 2840-2850	3	15
63	R.E.N.A.L. Nephrometry Score Predicts Non-neoplastic Parenchymal Volume Removed During Robotic Partial Nephrectomy. *Journal of Endourology*, **2016**, 30, 1099-1104	2.7	15
62	A Multi-Institutional Propensity Score Matched Comparison of Transperitoneal and Retroperitoneal Partial Nephrectomy for cT1 Posterior Tumors. *Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A*, **2019**, 29, 29-34	2.1	15
61	Epithelial plasticity can generate multi-lineage phenotypes in human and murine bladder cancers. *Nature Communications*, **2020**, 11, 2540	17.4	15
60	Reevaluating Warm Ischemia Time as a Predictor of Renal Function Outcomes After Robotic Partial Nephrectomy. *Urology*, **2018**, 120, 156-161	1.6	15
59	Is Off Clamp Always Beneficial During Robotic Partial Nephrectomy? A Propensity Score-Matched Comparison of Clamp Technique in Patients with Two Kidneys. *Journal of Endourology*, **2017**, 31, 1176-1182	2.7	13
58	Management of high complexity renal masses in partial nephrectomy: A multicenter analysis. *Urologic Oncology: Seminars and Original Investigations*, **2019**, 37, 437-444	2.8	13
57	Urologic oncology practice during COVID-19 pandemic: A systematic review on what can be deferrable vs. nondeferrable. *Urologic Oncology: Seminars and Original Investigations*, **2020**, 38, 783-792	2.8	12
56	A Pilot Study of Laparoscopic Doppler Ultrasound Probe to Map Arterial Vascular Flow within the Neurovascular Bundle during Robot-Assisted Radical Prostatectomy. *Prostate Cancer*, **2013**, 2013, 810715	1.9	12
55	Predictors of biochemical recurrence in pT3b prostate cancer after radical prostatectomy without adjuvant radiotherapy. *Prostate*, **2016**, 76, 226-34	4.2	11

54	Predicting Complications Following Robot-Assisted Partial Nephrectomy with the ACS NSQIP Universal Surgical Risk Calculator. *Journal of Urology*, **2017**, 198, 803-809	2.5	10
53	Defining Risk Categories for a Significant Decline in Estimated Glomerular Filtration Rate After Robotic Partial Nephrectomy: Implications for Patient Follow-up. *European Urology Oncology*, **2021**, 4, 498-501	6.7	10
52	Dorsal penile nerve block for robot-assisted radical prostatectomy catheter related pain: a randomized, double-blind, placebo-controlled trial. *SpringerPlus*, **2014**, 3, 181		9
51	The first assistant sparing technique robot-assisted partial nephrectomy decreases warm ischemia time while maintaining good perioperative outcomes. *Journal of Endourology*, **2012**, 26, 1448-53	2.7	9
50	Risk factors and prognostic implications for pathologic upstaging to T3a after partial nephrectomy. *Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology*, **2019**, 71, 395-405	4.4	9
49	The Resilient Child: Sex-Steroid Hormones and COVID-19 Incidence in Pediatric Patients. *Journal of the Endocrine Society*, **2020**, 4, bvaa106	0.4	9
48	Predictors of Medical and Surgical Complications After Robot-Assisted Partial Nephrectomy: An Analysis of 1139 Patients in a Multi-Institutional Kidney Cancer Database. *Journal of Endourology*, **2017**, 31, 223-228	2.7	8
47	Intraoperative evaluation of renal blood flow during laparoscopic partial nephrectomy with a novel Doppler system. *Journal of Endourology*, **2010**, 24, 1953-6	2.7	8
46	Comparison of 1-Year Health Care Costs and Use Associated With Open vs Robotic-Assisted Radical Prostatectomy. *JAMA Network Open*, **2021**, 4, e212265	10.4	8
45	Association between chronic kidney disease and COVID-19-related mortality in New York. *World Journal of Urology*, **2021**, 39, 2987-2993	4	8
44	The Impact of Obesity in Patients Undergoing Robotic Partial Nephrectomy. *Journal of Endourology* , **2019**, 33, 431-437	2.7	7
43	Main Renal Artery Clamping With or Without Renal Vein Clamping During Robotic Partial Nephrectomy for Clinical T1 Renal Masses: Perioperative and Long-term Functional Outcomes. *Urology*, **2016**, 97, 118-123	1.6	7
42	Clinicopathological and survival analysis of clinically advanced papillary and chromophobe renal cell carcinoma. *Urologic Oncology: Seminars and Original Investigations*, **2019**, 37, 727-734	2.8	6
41	Trends and outcomes in contemporary management renal cell carcinoma and vena cava thrombus. *Urologic Oncology: Seminars and Original Investigations*, **2019**, 37, 576.e17-576.e23	2.8	6
40	Selective clamping during robot-assisted partial nephrectomy in patients with a solitary kidney: is it safe and does it help?. *BJU International*, **2020**, 125, 893-897	5.6	6
39	Differences in Renal Tumor Size Measurements for Computed Tomography Versus Magnetic Resonance Imaging: Implications for Patients on Active Surveillance. *Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A*, **2017**, 27, 1275-1278	2.1	6
38	BAP1 is overexpressed in black compared with white patients with Mx-M1 clear cell renal cell carcinoma: A report from the cancer genome atlas. *Urologic Oncology: Seminars and Original Investigations*, **2016**, 34, 259.e9-259.e14	2.8	6
37	Focal Ablative Therapy for Renal Cell Carcinoma in Transplant Allograft Kidneys. *Urology*, **2019**, 125, 118-122	1.6	6

36	An evaluation of race, ethnicity, age, and sex-based representation in phase I to II renal cell carcinoma clinical trials in the United States. *Urologic Oncology: Seminars and Original Investigations*, **2018**, 36, 363.e1-363.e6	2.8	6
35	A Single Overnight Stay After Robotic Partial Nephrectomy Does Not Increase Complications. *Journal of Endourology*, **2019**, 33, 1003-1008	2.7	5
34	A Comparison of Excisional Volume Loss Calculation Methods to Predict Functional Outcome After Partial Nephrectomy. *Journal of Endourology*, **2019**, 33, 35-41	2.7	5
33	Trends in management of the small renal mass in renal transplant recipient candidates: A multi-institutional survey analysis. *Urologic Oncology: Seminars and Original Investigations*, **2017**, 35, 529.e17-529.e22	2.8	4
32	Do patients with Stage 3-5 chronic kidney disease benefit from ischaemia-sparing techniques during partial nephrectomy?. *BJU International*, **2020**, 125, 442-448	5.6	4
31	Hypertension and diabetes mellitus are not associated with worse renal functional outcome after partial nephrectomy in patients with normal baseline kidney function. *International Journal of Urology*, **2019**, 26, 120-125	2.3	4
30	A Multi-Institutional Analysis of the Effect of Positive Surgical Margins Following Robot-Assisted Partial Nephrectomy on Oncologic Outcomes. *Journal of Endourology*, **2020**, 34, 304-311	2.7	3
29	Lymph node yield during radical prostatectomy does not impact rate of biochemical recurrence in patients with seminal vesicle invasion and node-negative disease. *Urologic Oncology: Seminars and Original Investigations*, **2018**, 36, 310.e1-310.e6	2.8	3
28	A multi-institutional report of peri-operative and functional outcomes after robot-assisted partial nephrectomy in patients with a solitary kidney. *Journal of Robotic Surgery*, **2019**, 13, 423-428	2.9	3
27	A multi-institutional analysis of 263 hilar tumors during robot-assisted partial nephrectomy. *Journal of Robotic Surgery*, **2020**, 14, 585-591	2.9	3
26	Immunotherapy for metastatic renal cell carcinoma: A brief history, current trends, and future directions. *Urologic Oncology: Seminars and Original Investigations*, **2021**, 39, 664-677	2.8	3
25	Robotic partial nephrectomy: The current status. *Indian Journal of Urology*, **2020**, 36, 16-20	0.8	2
24	Repurposing of α1-Adrenoceptor Antagonists: Impact in Renal Cancer. *Cancers*, **2020**, 12,	6.6	2
23	Identifying tumor-related risk factors for simultaneous adrenalectomy in patients with cT1-cT2 kidney cancer during robotic assisted laparoscopic radical nephrectomy. *Minerva Urology and Nephrology*, **2021**, 73, 72-77	2.3	2
22	Leiomyosarcoma of the Inferior Vena Cava With Kidney Invasion. *Urology Case Reports*, **2016**, 9, 33-6	0.5	2
21	Should a Drain Be Routinely Required After Transperitoneal Robotic Partial Nephrectomy?. *Journal of Endourology*, **2020**, 34, 964-968	2.7	1
20	Robotic-Assisted vs Laparoscopic Radical Nephrectomy. *JAMA - Journal of the American Medical Association*, **2018**, 319, 1165-1166	27.4	1
19	Emerging surgical treatments for renal cell carcinoma. *Future Oncology*, **2016**, 12, 921-9	3.6	1

18	SARS-CoV-2 RNA Detected in Abdominal Insufflation Samples During Laparoscopic Surgery. *European Urology*, **2021**, 81, 125-125	10.2	1
17	Does race impact functional outcomes in patients undergoing robotic partial nephrectomy?. *Translational Andrology and Urology*, **2020**, 9, 863-869	2.3	1
16	Comparison of Perioperative Outcomes for Radical Nephrectomy Based on Surgical Approach for Masses Greater Than 10 cm. *Journal of Endourology*, **2021**, 35, 1785-1792	2.7	1
15	Salvage Robot-assisted Renal Surgery for Local Recurrence After Surgical Resection or Renal Mass Ablation: Classification, Techniques, and Clinical Outcomes. *European Urology*, **2021**, 80, 730-737	10.2	1
14	Black race may be associated with worse overall survival in renal cell carcinoma patients. *Urologic Oncology: Seminars and Original Investigations*, **2020**, 38, 938.e9-938.e17	2.8	0
13	The Evolving Clinical Management of Genitourinary Cancers Amid the COVID-19 Pandemic. *Frontiers in Oncology*, **2021**, 11, 734963	5.3	0
12	Robotic partial nephrectomy for management of renal mass in patients with a solitary kidney: can we expand the indication to T2 and T3 disease?. *Minerva Urology and Nephrology*, **2022**, 74, 203-208	2.3	0
11	Reply: To PMID 25156513. *Urology*, **2014**, 84, 807	1.6	
10	Evaluation of a genomic-based prognostic test for metastasis in high-risk post-prostatectomy patients: Does it impact physician decision making?. *Journal of Clinical Oncology*, **2013**, 31, 196-196	2.2	
9	Impact of a genomic classifier of metastatic risk on treatment recommendations post-radical prostatectomy: Report from the DECIDE study group.. *Journal of Clinical Oncology*, **2013**, 31, e16044-e16044	2.2	
8	Effect of a genomic classifier on adjuvant radiation recommendations after prostate cancer surgery.. *Journal of Clinical Oncology*, **2014**, 32, 151-151	2.2	
7	Different approaches to robotic simple prostatectomy. *Urology Video Journal*, **2020**, 6, 100015	0.2	
6	Measuring volumetric segmentation changes in the ipsilateral and contralateral kidney postpartial nephrectomy. *Urologic Oncology: Seminars and Original Investigations*, **2020**, 38, 798.e1-798.e7	2.8	
5	Prolonged hormonal therapy and external beam radiation independently increase the risk of Persistent Hypogonadism in men treated with prostate brachytherapy. *Brachytherapy*, **2020**, 19, 210-215	2.4	
4	Amasyali and Baldwin, Editorial Comment on: The Impact of Obesity in Patients Undergoing Robotic Partial Nephrectomy by Rosen et al. (J Endourol 2020;33(6):431-437; DOI: 10.1089/end.2019.0018). *Journal of Endourology*, **2020**, 34, 713-714	2.7	
3	Clinicopathologic and Genomic Factors Associated With Oncologic Outcome in Patients With Stage III to IV Chromophobe Renal Cell Carcinoma. *Clinical Genitourinary Cancer*, **2019**, 17, e314-e322	3.3	
2	Editorial Comment from Dr Martini et al. to Independent external validation of a nomogram to define risk categories for a significant decline in estimated glomerular filtration rate after robotic-assisted partial nephrectomy. *International Journal of Urology*, **2021**, 28, 80-81	2.3	
1	Moving away from mannitol infusion for partial nephrectomy: has this altered renal function?. *Journal of Robotic Surgery*, **2022**, 1	2.9	