Ashutosh K Tewari

List of Publications by Year in Descending Order

108 papers	6,813 citations	33 h-index	82 g-index
128 ext. papers	8,137 ext. citations	6.6 avg, IF	5.28 L-index

#	Paper	IF	Citations
108	Introduction to the seminar - Current strategies to improve erectile function in patients undergoing radical prostatectomy (Preoperative, intraoperative and postoperative scenarios).. *Urologic Oncology: Seminars and Original Investigations*, **2022**, 40, 71-71	2.8	
107	Current strategies to improve erectile function in patients undergoing radical prostatectomy-intraoperative scenario.. *Urologic Oncology: Seminars and Original Investigations*, **2022**, 40, 79-79	2.8	0
106	Why do African-American men face higher risks for lethal prostate cancer?. *Current Opinion in Urology*, **2022**, 32, 96-101	2.8	1
105	Prostate MRI using a rigid two-channel phased-array endorectal coil: comparison with phased array coil acquisition at 3 T.. *Cancer Imaging*, **2022**, 22, 15	5.6	
104	Leveraging 5G technology for robotic surgery and cancer care.. *Cancer Reports*, **2022**, e1595	1.5	1
103	Association between Incidental Pelvic Inflammation and Aggressive Prostate Cancer. *Cancers*, **2022**, 14, 2734	6.6	0
102	Effect of Simulation-based Training on Surgical Proficiency and Patient Outcomes: A Randomised Controlled Clinical and Educational Trial. *European Urology*, **2021**,	10.2	1
101	Added value of systematic biopsy in men with a clinical suspicion of prostate cancer undergoing biparametric MRI-targeted biopsy: multi-institutional external validation study. *World Journal of Urology*, **2021**, 39, 1879-1887	4	9
100	A COVID-19 Test Triage Tool, Predicting Negative Results and Reducing the Testing Burden on Healthcare Systems During a Pandemic. *Frontiers in Medicine*, **2021**, 8, 563465	4.9	0
99	Increased Hospitalization and Mortality from COVID-19 in Prostate Cancer Patients. *Cancers*, **2021**, 13,	6.6	6
98	Simultaneous injection of F-BF3- Cy3-ACUPA and non-radioactive Cy7-ACUPA probes: a promising pre-biopsy PET and ex vivo fluorescence imaging approach to evaluate prostate cancer. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 3732-3733	8.8	1
97	Computer extracted gland features from H&E predicts prostate cancer recurrence comparably to a genomic companion diagnostic test: a large multi-site study. *Npj Precision Oncology*, **2021**, 5, 35	9.8	2
96	Comparative analysis of 1152 African-American and European-American men with prostate cancer identifies distinct genomic and immunological differences. *Communications Biology*, **2021**, 4, 670	6.7	18
95	COVID-19 in patients with and without cancer: Examining differences in patient characteristics and outcomes **2021**, 2, 25-32		0
94	An integrated nomogram combining deep learning, Prostate Imaging-Reporting and Data System (PI-RADS) scoring, and clinical variables for identification of clinically significant prostate cancer on biparametric MRI: a retrospective multicentre study. *The Lancet Digital Health*, **2021**, 3, e445-e454	14.4	4
93	The male external urethral sphincter is autonomically innervated. *Clinical Anatomy*, **2021**, 34, 263-271	2.5	3
92	Pseudouridine as a novel biomarker in prostate cancer. *Urologic Oncology: Seminars and Original Investigations*, **2021**, 39, 63-71	2.8	6

91	Management of patients who opt for radical prostatectomy during the coronavirus disease 2019 (COVID-19) pandemic: an international accelerated consensus statement. *BJU International*, **2021**, 127, 729-741	5.6	5
90	A novel imaging based Nomogram for predicting post-surgical biochemical recurrence and adverse pathology of prostate cancer from pre-operative bi-parametric MRI. *EBioMedicine*, **2021**, 63, 103163	8.8	8
89	Racial disparity in prostate cancer in the African American population with actionable ideas and novel immunotherapies. *Cancer Reports*, **2021**, 4, e1340	1.5	5
88	Exosomes as A Next-Generation Diagnostic and Therapeutic Tool in Prostate Cancer. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	8
87	The Evolving Clinical Management of Genitourinary Cancers Amid the COVID-19 Pandemic. *Frontiers in Oncology*, **2021**, 11, 734963	5.3	0
86	Small Molecule, Multimodal, [F]-PET and Fluorescence Imaging Agent Targeting Prostate-Specific Membrane Antigen: First-in-Human Study. *Clinical Genitourinary Cancer*, **2021**, 19, 405-416	3.3	3
85	AUTHOR REPLY.. *Urology*, **2021**, 157, 70	1.6	
84	Unified model involving genomics, magnetic resonance imaging and prostate-specific antigen density outperforms individual co-variables at predicting biopsy upgrading in patients on active surveillance for low risk prostate cancer.. *Cancer Reports*, **2021**, e1492	1.5	1
83	Immune Escape in Prostate Cancer: Known and Predicted Mechanisms and Targets. *Urologic Clinics of North America*, **2020**, 47, e9-e16	2.9	0
82	Clinical stage molecule PT150 is a modulator of glucocorticoid and androgen receptors with antiviral activity against SARS-CoV-2. *Cell Cycle*, **2020**, 19, 3632-3638	4.7	2
81	Bioptic intraprostatic chronic inflammation predicts adverse pathology at radical prostatectomy in patients with low-grade prostate cancer. *Urologic Oncology: Seminars and Original Investigations*, **2020**, 38, 793.e19-793.e25	2.8	11
80	Sex differences in SARS-CoV-2 infection rates and the potential link to prostate cancer. *Communications Biology*, **2020**, 3, 374	6.7	77
79	Access and socioeconomic status play an important role in outcomes for African American patients with prostate cancer. *Cancer*, **2020**, 126, 4257-4258	6.4	0
78	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
77	Estimated Costs Associated With Radiation Therapy for Positive Surgical Margins During Radical Prostatectomy. *JAMA Network Open*, **2020**, 3, e201913	10.4	4
76	Pan-cancer analysis to identify a novel class of glucocorticoid and androgen receptor antagonists with potent anti-tumor activity.. *Journal of Clinical Oncology*, **2020**, 38, e15663-e15663	2.2	3
75	Performance of prostate multiparametric MRI for prediction of prostate cancer extra-prostatic extension according to NCCN risk categories: implication for surgical planning. *Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology*, **2020**, 72, 746-754	4.4	7
74	The Tumor Microenvironment and Immunotherapy in Prostate and Bladder Cancer. *Urologic Clinics of North America*, **2020**, 47, e17-e54	2.9	5

73	Weighted Gleason Grade Group (WGGG): A new prostate cancer biopsy reporting system with prognostic potential. *Urologic Oncology: Seminars and Original Investigations*, **2020**, 38, 78.e15-78.e21	2.8	2
72	Molecular tracing of prostate cancer lethality. *Oncogene*, **2020**, 39, 7225-7238	9.2	2
71	Immunotherapy for Metastatic Prostate Cancer: Current and Emerging Treatment Options. *Urologic Clinics of North America*, **2020**, 47, 487-510	2.9	8
70	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	
69	Contemporary Techniques of Prostate Dissection for Robot-assisted Prostatectomy. *European Urology*, **2020**, 78, 583-591	10.2	23
68	The Resilient Child: Sex-Steroid Hormones and COVID-19 Incidence in Pediatric Patients. *Journal of the Endocrine Society*, **2020**, 4, bvaa106	0.4	9
67	Immunotherapy in prostate cancer: current state and future perspectives. *Therapeutic Advances in Urology*, **2020**, 12, 1756287220951404	3.2	9
66	Gold nanoshell-localized photothermal ablation of prostate tumors in a clinical pilot device study. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 18590-18596	11.5	331
65	Novel nomogram for the prediction of seminal vesicle invasion including multiparametric magnetic resonance imaging. *International Journal of Urology*, **2019**, 26, 458-464	2.3	8
64	Anatomical, surgical and technical factors influencing continence after radical prostatectomy. *Therapeutic Advances in Urology*, **2019**, 11, 1756287218813787	3.2	15
63	Image guidance in robot-assisted radical prostatectomy: how far do we stand?. *Current Opinion in Urology*, **2019**, 29, 10-13	2.8	4
62	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. *Cell*, **2019**, 177, 463-477.e15	56.2	144
61	Combining alpha radiation-based brachytherapy with immunomodulators promotes complete tumor regression in mice via tumor-specific long-term immune response. *Cancer Immunology, Immunotherapy*, **2019**, 68, 1949-1958	7.4	13
60	Clinical implications of prostatic capsular abutment or bulging on multiparametric magnetic resonance imaging. *Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology*, **2019**, 71, 502-507	4.4	4
59	Radiomics Features Measured with Multiparametric Magnetic Resonance Imaging Predict Prostate Cancer Aggressiveness. *Journal of Urology*, **2019**, 202, 498-505	2.5	45
58	Downgrading of Grade Group After Radical Prostatectomy: Comparison of Multiparametric Magnetic Resonance Imaging Guided Fusion Biopsy and Standard 12-Core Biopsy. *Urology*, **2019**, 127, 80-85	1.6	8
57	An updated approach to incremental nerve sparing for robot-assisted radical prostatectomy. *BJU International*, **2019**, 124, 103-108	5.6	10
56	Epigenetic analysis identifies factors driving racial disparity in prostate cancer. *Cancer Reports*, **2019**, 2, e1153	1.5	6

55	Development and internal validation of a side-specific, multiparametric magnetic resonance imaging-based nomogram for the prediction of extracapsular extension of prostate cancer. *BJU International*, **2018**, 122, 1025-1033	5.6	54
54	Robotic-Assisted vs Laparoscopic Radical Nephrectomy. *JAMA - Journal of the American Medical Association*, **2018**, 319, 1165-1166	27.4	1
53	Intratumor heterogeneity in prostate cancer. *Urologic Oncology: Seminars and Original Investigations*, **2018**, 36, 349-360	2.8	37
52	Development and validation of 3D printed virtual models for robot-assisted radical prostatectomy and partial nephrectomy: urologistsSand patientsSperception. *World Journal of Urology*, **2018**, 36, 201-207	4	91
51	Advanced Diffusion-weighted Imaging Modeling for Prostate Cancer Characterization: Correlation with Quantitative Histopathologic Tumor Tissue Composition-A Hypothesis-generating Study. *Radiology*, **2018**, 286, 918-928	20.5	31
50	Optimizing Outcomes During Laparoscopic and Robot-assisted Radical Prostatectomy **2018**, 1179-1193		1
49	Multimodal therapy in the treatment of metastatic prostate cancer: A case report. *Urology Case Reports*, **2018**, 21, 92-94	0.5	
48	Multiparametric Magnetic Resonance Imaging Features Identify Aggressive Prostate Cancer at the Phenotypic and Transcriptomic Level. *Journal of Urology*, **2018**, 200, 1241-1249	2.5	14
47	Inflammation and Prostate Cancer. *Advances in Experimental Medicine and Biology*, **2018**, 1095, 41-65	3.6	17
46	DCE-MRI of the prostate using shutter-speed vs. Tofts model for tumor characterization and assessment of aggressiveness. *Journal of Magnetic Resonance Imaging*, **2017**, 46, 837-849	5.6	8
45	Induction of Neuroendocrine Differentiation in Prostate Cancer Cells by Dovitinib (TKI-258) and its Therapeutic Implications. *Translational Oncology*, **2017**, 10, 357-366	4.9	15
44	DWI of the prostate: Comparison of a faster diagonal acquisition to standard three-scan trace acquisition. *Journal of Magnetic Resonance Imaging*, **2017**, 46, 1767-1775	5.6	5
43	A Critical Analysis of the Current Knowledge of Surgical Anatomy of the Prostate Related to Optimisation of Cancer Control and Preservation of Continence and Erection in Candidates for Radical Prostatectomy: An Update. *European Urology*, **2016**, 70, 301-11	10.2	149
42	Prevention and Management of Complications During Robotic-assisted Laparoscopic Radical Prostatectomy Following Comprehensive Planning: A Large Series Involving a Single Surgeon. *Anticancer Research*, **2016**, 36, 1991-8	2.3	10
41	Next-generation sequencing technology in prostate cancer diagnosis, prognosis, and personalized treatment. *Urologic Oncology: Seminars and Original Investigations*, **2015**, 33, 267.e1-13	2.8	28
40	Real-time in vivo periprostatic nerve tracking using multiphoton microscopy in a rat survival surgery model: a promising pre-clinical study for enhanced nerve-sparing surgery. *BJU International*, **2015**, 116, 478-86	5.6	11
39	SPOP mutations in prostate cancer across demographically diverse patient cohorts. *Neoplasia*, **2014** , 16, 14-20	6.4	113
38	PCAT-1, a long noncoding RNA, regulates BRCA2 and controls homologous recombination in cancer. *Cancer Research*, **2014**, 74, 1651-60	10.1	204

37	Inflammation and prostate cancer: the role of interleukin 6 (IL-6). *BJU International*, **2014**, 113, 986-92	5.6	215
36	Pathologic nodal staging scores in patients treated with radical prostatectomy: a postoperative decision tool. *European Urology*, **2014**, 66, 439-46	10.2	18
35	Words of wisdom: Re: Autonomic nerve development contributes to prostate cancer progression. *European Urology*, **2014**, 65, 665-6	10.2	5
34	Does increasing the nodal yield improve outcomes in contemporary patients without nodal metastasis undergoing radical prostatectomy?. *Urologic Oncology: Seminars and Original Investigations*, **2014**, 32, 47.e1-8	2.8	7
33	A multinational, multi-institutional study comparing positive surgical margin rates among 22393 open, laparoscopic, and robot-assisted radical prostatectomy patients. *European Urology*, **2014**, 66, 450-6	10.2	85
32	The role of robot-assisted radical prostatectomy and pelvic lymph node dissection in the management of high-risk prostate cancer: a systematic review. *European Urology*, **2014**, 65, 918-27	10.2	106
31	Radical Surgery **2014**, 145-169		
30	Evidence for molecular differences in prostate cancer between African American and Caucasian men. *Clinical Cancer Research*, **2014**, 20, 4925-34	12.9	108
29	Changes in pathologic outcomes and operative trends with robot-assisted laparoscopic radical prostatectomy. *Indian Journal of Urology*, **2014**, 30, 378-82	0.8	6
28	Newer concepts in neural anatomy and neurovascular preservation in robotic radical prostatectomy. *Indian Journal of Urology*, **2014**, 30, 399-409	0.8	6
27	Functional outcomes following robotic prostatectomy using athermal, traction free risk-stratified grades of nerve sparing. *World Journal of Urology*, **2013**, 31, 471-80	4	35
26	Punctuated evolution of prostate cancer genomes. *Cell*, **2013**, 153, 666-77	56.2	862
25	Nerve sparing can preserve orgasmic function in most men after robotic-assisted laparoscopic radical prostatectomy. *BJU International*, **2012**, 109, 596-602	5.6	32
24	Robotic radical prostatectomy: The new gold standard. *Arab Journal of Urology Arab Association of Urology*, **2012**, 10, 23-31	1.7	10
23	Exome sequencing identifies recurrent SPOP, FOXA1 and MED12 mutations in prostate cancer. *Nature Genetics*, **2012**, 44, 685-9	36.3	1079
22	Improving time to continence after robot-assisted laparoscopic prostatectomy: augmentation of the total anatomic reconstruction technique by adding dynamic detrusor cuff trigonoplasty and suprapubic tube placement. *Journal of Endourology*, **2012**, 26, 1546-52	2.7	8
21	Multiphoton microscopy for structure identification in human prostate and periprostatic tissue: implications in prostate cancer surgery. *BJU International*, **2011**, 108, 1421-9	5.6	46
20	Anatomical grades of nerve sparing: a risk-stratified approach to neural-hammock sparing during robot-assisted radical prostatectomy (RARP). *BJU International*, **2011**, 108, 984-92	5.6	132

19	After Prostate Cancer: A What Next Guide to a Safe and Informed Recovery. *BJU International*, **2011**, 108, E317-E317	5.6	
18	The genomic complexity of primary human prostate cancer. *Nature*, **2011**, 470, 214-20	50.4	984
17	Pathological outcomes and strategies to achieve optimal cancer control during robotic radical prostatectomy in Asian-Indian men. *Indian Journal of Urology*, **2011**, 27, 326-30	0.8	12
16	Use of a novel absorbable barbed plastic surgical suture enables a "self-cinching" technique of vesicourethral anastomosis during robot-assisted prostatectomy and improves anastomotic times. *Journal of Endourology*, **2010**, 24, 1645-50	2.7	82
15	Effect of socioeconomic factors on long-term mortality in men with clinically localized prostate cancer. *Urology*, **2009**, 73, 624-30	1.6	36
14	Diary of a urologist as a trainee in USA. *Indian Journal of Urology*, **2009**, 25, 257-8	0.8	
13	Cancer control and the preservation of neurovascular tissue: how to meet competing goals during robotic radical prostatectomy. *BJU International*, **2008**, 101, 1013-8	5.6	48
12	Catheter-less robotic radical prostatectomy using a custom-made synchronous anastomotic splint and vesical urinary diversion device: report of the initial series and perioperative outcomes. *BJU International*, **2008**, 102, 1000-4	5.6	39
11	Long-term survival in men with high grade prostate cancer: a comparison between conservative treatment, radiation therapy and radical prostatectomy--a propensity scoring approach. *Journal of Urology*, **2007**, 177, 911-5	2.5	87
10	Anatomic restoration technique of continence mechanism and preservation of puboprostatic collar: a novel modification to achieve early urinary continence in men undergoing robotic prostatectomy. *Urology*, **2007**, 69, 726-31	1.6	123
9	The proximal neurovascular plate and the tri-zonal neural architecture around the prostate gland: importance in the athermal robotic technique of nerve-sparing prostatectomy. *BJU International*, **2006**, 98, 314-23	5.6	147
8	Identification of the retrotrigonal layer as a key anatomical landmark during robotically assisted radical prostatectomy. *BJU International*, **2006**, 98, 829-32	5.6	27
7	Anatomical foundations and surgical manoeuvres for precise identification of the prostatovesical junction during robotic radical prostatectomy. *BJU International*, **2006**, 98, 833-7	5.6	33
6	Factors contributing to the racial differences in prostate cancer mortality. *BJU International*, **2005**, 96, 1247-52	5.6	52
5	Nerve-sparing during robotic radical prostatectomy: use of computer modeling and anatomic data to establish critical steps and maneuvers. *Current Urology Reports*, **2005**, 6, 126-8	2.9	15
4	Vattikuti Institute prostatectomy, a technique of robotic radical prostatectomy for management of localized carcinoma of the prostate: experience of over 1100 cases. *Urologic Clinics of North America*, **2004**, 31, 701-17	2.9	245
3	Long-term survival probability in men with clinically localized prostate cancer: a case-control, propensity modeling study stratified by race, age, treatment and comorbidities. *Journal of Urology*, **2004**, 171, 1513-9	2.5	135
2	An operative and anatomic study to help in nerve sparing during laparoscopic and robotic radical prostatectomy. *European Urology*, **2003**, 43, 444-54	10.2	163

1 Technique of da Vinci robot-assisted anatomic radical prostatectomy. *Urology*, **2002**, 60, 569-72 1.6 188