

# Ashutosh K Tewari

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3902124/ashutosh-k-tewari-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Exome sequencing identifies recurrent SPOP, FOXA1 and MED12 mutations in prostate cancer. <i>Nature Genetics</i> , <b>2012</b> , 44, 685-9	36.3	1079
107	The genomic complexity of primary human prostate cancer. <i>Nature</i> , <b>2011</b> , 470, 214-20	50.4	984
106	Punctuated evolution of prostate cancer genomes. <i>Cell</i> , <b>2013</b> , 153, 666-77	56.2	862
105	Gold nanoshell-localized photothermal ablation of prostate tumors in a clinical pilot device study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 18590-18596	11.5	331
104	Vattikuti Institute prostatectomy, a technique of robotic radical prostatectomy for management of localized carcinoma of the prostate: experience of over 1100 cases. <i>Urologic Clinics of North America</i> , <b>2004</b> , 31, 701-17	2.9	245
103	Inflammation and prostate cancer: the role of interleukin 6 (IL-6). <i>BJU International</i> , <b>2014</b> , 113, 986-92	5.6	215
102	PCAT-1, a long noncoding RNA, regulates BRCA2 and controls homologous recombination in cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 1651-60	10.1	204
101	Technique of da Vinci robot-assisted anatomic radical prostatectomy. <i>Urology</i> , <b>2002</b> , 60, 569-72	1.6	188
100	An operative and anatomic study to help in nerve sparing during laparoscopic and robotic radical prostatectomy. <i>European Urology</i> , <b>2003</b> , 43, 444-54	10.2	163
99	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. <i>European Urology</i> , <b>2016</b> , 70, 301-11	10.2	149
98	The proximal neurovascular plate and the tri-zonal neural architecture around the prostate gland: importance in the athermal robotic technique of nerve-sparing prostatectomy. <i>BJU International</i> , <b>2006</b> , 98, 314-23	5.6	147
97	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. <i>Cell</i> , <b>2019</b> , 177, 463-477.e15	56.2	144
96	Long-term survival probability in men with clinically localized prostate cancer: a case-control, propensity modeling study stratified by race, age, treatment and comorbidities. <i>Journal of Urology</i> , <b>2004</b> , 171, 1513-9	2.5	135
95	Anatomical grades of nerve sparing: a risk-stratified approach to neural-hammock sparing during robot-assisted radical prostatectomy (RARP). <i>BJU International</i> , <b>2011</b> , 108, 984-92	5.6	132
94	Anatomic restoration technique of continence mechanism and preservation of puboprostatic collar: a novel modification to achieve early urinary continence in men undergoing robotic prostatectomy. <i>Urology</i> , <b>2007</b> , 69, 726-31	1.6	123
93	SPOP mutations in prostate cancer across demographically diverse patient cohorts. <i>Neoplasia</i> , <b>2014</b> , 16, 14-20	6.4	113
92	Evidence for molecular differences in prostate cancer between African American and Caucasian men. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 4925-34	12.9	108

91	The role of robot-assisted radical prostatectomy and pelvic lymph node dissection in the management of high-risk prostate cancer: a systematic review. <i>European Urology</i> , <b>2014</b> , 65, 918-27	10.2	106
90	Development and validation of 3D printed virtual models for robot-assisted radical prostatectomy and partial nephrectomy: urologists and patients' perception. <i>World Journal of Urology</i> , <b>2018</b> , 36, 201-207	4.7	91
89	Long-term survival in men with high grade prostate cancer: a comparison between conservative treatment, radiation therapy and radical prostatectomy--a propensity scoring approach. <i>Journal of Urology</i> , <b>2007</b> , 177, 911-5	2.5	87
88	A multinational, multi-institutional study comparing positive surgical margin rates among 22393 open, laparoscopic, and robot-assisted radical prostatectomy patients. <i>European Urology</i> , <b>2014</b> , 66, 450-6	10.2	85
87	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. <i>Journal of Endourology</i> , <b>2010</b> , 24, 1645-50	2.7	82
86	Sex differences in SARS-CoV-2 infection rates and the potential link to prostate cancer. <i>Communications Biology</i> , <b>2020</b> , 3, 374	6.7	77
85	Development and internal validation of a side-specific, multiparametric magnetic resonance imaging-based nomogram for the prediction of extracapsular extension of prostate cancer. <i>BJU International</i> , <b>2018</b> , 122, 1025-1033	5.6	54
84	Factors contributing to the racial differences in prostate cancer mortality. <i>BJU International</i> , <b>2005</b> , 96, 1247-52	5.6	52
83	Cancer control and the preservation of neurovascular tissue: how to meet competing goals during robotic radical prostatectomy. <i>BJU International</i> , <b>2008</b> , 101, 1013-8	5.6	48
82	Multiphoton microscopy for structure identification in human prostate and periprostatic tissue: implications in prostate cancer surgery. <i>BJU International</i> , <b>2011</b> , 108, 1421-9	5.6	46
81	Radiomics Features Measured with Multiparametric Magnetic Resonance Imaging Predict Prostate Cancer Aggressiveness. <i>Journal of Urology</i> , <b>2019</b> , 202, 498-505	2.5	45
80	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. <i>BJU International</i> , <b>2008</b> , 102, 1000-4	5.6	39
79	Intratumor heterogeneity in prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2018</b> , 36, 349-360	2.8	37
78	Effect of socioeconomic factors on long-term mortality in men with clinically localized prostate cancer. <i>Urology</i> , <b>2009</b> , 73, 624-30	1.6	36
77	Functional outcomes following robotic prostatectomy using athermal, traction free risk-stratified grades of nerve sparing. <i>World Journal of Urology</i> , <b>2013</b> , 31, 471-80	4	35
76	Anatomical foundations and surgical manoeuvres for precise identification of the prostatovesical junction during robotic radical prostatectomy. <i>BJU International</i> , <b>2006</b> , 98, 833-7	5.6	33
75	Nerve sparing can preserve orgasmic function in most men after robotic-assisted laparoscopic radical prostatectomy. <i>BJU International</i> , <b>2012</b> , 109, 596-602	5.6	32
74	Advanced Diffusion-weighted Imaging Modeling for Prostate Cancer Characterization: Correlation with Quantitative Histopathologic Tumor Tissue Composition-A Hypothesis-generating Study. <i>Radiology</i> , <b>2018</b> , 286, 918-928	20.5	31

73	Next-generation sequencing technology in prostate cancer diagnosis, prognosis, and personalized treatment. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2015</b> , 33, 267.e1-13	2.8	28
72	Identification of the retrotrigonal layer as a key anatomical landmark during robotically assisted radical prostatectomy. <i>BJU International</i> , <b>2006</b> , 98, 829-32	5.6	27
71	Contemporary Techniques of Prostate Dissection for Robot-assisted Prostatectomy. <i>European Urology</i> , <b>2020</b> , 78, 583-591	10.2	23
70	Pathologic nodal staging scores in patients treated with radical prostatectomy: a postoperative decision tool. <i>European Urology</i> , <b>2014</b> , 66, 439-46	10.2	18
69	Comparative analysis of 1152 African-American and European-American men with prostate cancer identifies distinct genomic and immunological differences. <i>Communications Biology</i> , <b>2021</b> , 4, 670	6.7	18
68	Inflammation and Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1095, 41-65	3.6	17
67	Induction of Neuroendocrine Differentiation in Prostate Cancer Cells by Dovitinib (TKI-258) and its Therapeutic Implications. <i>Translational Oncology</i> , <b>2017</b> , 10, 357-366	4.9	15
66	Anatomical, surgical and technical factors influencing continence after radical prostatectomy. <i>Therapeutic Advances in Urology</i> , <b>2019</b> , 11, 1756287218813787	3.2	15
65	Nerve-sparing during robotic radical prostatectomy: use of computer modeling and anatomic data to establish critical steps and maneuvers. <i>Current Urology Reports</i> , <b>2005</b> , 6, 126-8	2.9	15
64	Multiparametric Magnetic Resonance Imaging Features Identify Aggressive Prostate Cancer at the Phenotypic and Transcriptomic Level. <i>Journal of Urology</i> , <b>2018</b> , 200, 1241-1249	2.5	14
63	Combining alpha radiation-based brachytherapy with immunomodulators promotes complete tumor regression in mice via tumor-specific long-term immune response. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 1949-1958	7.4	13
62	Urologic oncology practice during COVID-19 pandemic: A systematic review on what can be deferrable vs. nondeferrable. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 783-792	2.8	12
61	Pathological outcomes and strategies to achieve optimal cancer control during robotic radical prostatectomy in Asian-Indian men. <i>Indian Journal of Urology</i> , <b>2011</b> , 27, 326-30	0.8	12
60	Bioptic intraprostatic chronic inflammation predicts adverse pathology at radical prostatectomy in patients with low-grade prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 793.e19-793.e25	2.8	11
59	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. <i>BJU International</i> , <b>2015</b> , 116, 478-86	5.6	11
58	Robotic radical prostatectomy: The new gold standard. <i>Arab Journal of Urology Arab Association of Urology</i> , <b>2012</b> , 10, 23-31	1.7	10
57	An updated approach to incremental nerve sparing for robot-assisted radical prostatectomy. <i>BJU International</i> , <b>2019</b> , 124, 103-108	5.6	10
56	Prevention and Management of Complications During Robotic-assisted Laparoscopic Radical Prostatectomy Following Comprehensive Planning: A Large Series Involving a Single Surgeon. <i>Anticancer Research</i> , <b>2016</b> , 36, 1991-8	2.3	10

55	The Resilient Child: Sex-Steroid Hormones and COVID-19 Incidence in Pediatric Patients. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa106	0.4	9
54	Immunotherapy in prostate cancer: current state and future perspectives. <i>Therapeutic Advances in Urology</i> , <b>2020</b> , 12, 1756287220951404	3.2	9
53	Added value of systematic biopsy in men with a clinical suspicion of prostate cancer undergoing biparametric MRI-targeted biopsy: multi-institutional external validation study. <i>World Journal of Urology</i> , <b>2021</b> , 39, 1879-1887	4	9
52	DCE-MRI of the prostate using shutter-speed vs. Tofts model for tumor characterization and assessment of aggressiveness. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 46, 837-849	5.6	8
51	Novel nomogram for the prediction of seminal vesicle invasion including multiparametric magnetic resonance imaging. <i>International Journal of Urology</i> , <b>2019</b> , 26, 458-464	2.3	8
50	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. <i>Journal of Endourology</i> , <b>2012</b> , 26, 1546-52	2.7	8
49	Immunotherapy for Metastatic Prostate Cancer: Current and Emerging Treatment Options. <i>Urologic Clinics of North America</i> , <b>2020</b> , 47, 487-510	2.9	8
48	Downgrading of Grade Group After Radical Prostatectomy: Comparison of Multiparametric Magnetic Resonance Imaging Guided Fusion Biopsy and Standard 12-Core Biopsy. <i>Urology</i> , <b>2019</b> , 127, 80-85	1.6	8
47	A novel imaging based Nomogram for predicting post-surgical biochemical recurrence and adverse pathology of prostate cancer from pre-operative bi-parametric MRI. <i>EBioMedicine</i> , <b>2021</b> , 63, 103163	8.8	8
46	Exosomes as A Next-Generation Diagnostic and Therapeutic Tool in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
45	Does increasing the nodal yield improve outcomes in contemporary patients without nodal metastasis undergoing radical prostatectomy?. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2014</b> , 32, 47.e1-8	2.8	7
44	Performance of prostate multiparametric MRI for prediction of prostate cancer extra-prostatic extension according to NCCN risk categories: implication for surgical planning. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , <b>2020</b> , 72, 746-754	4.4	7
43	Changes in pathologic outcomes and operative trends with robot-assisted laparoscopic radical prostatectomy. <i>Indian Journal of Urology</i> , <b>2014</b> , 30, 378-82	0.8	6
42	Newer concepts in neural anatomy and neurovascular preservation in robotic radical prostatectomy. <i>Indian Journal of Urology</i> , <b>2014</b> , 30, 399-409	0.8	6
41	Increased Hospitalization and Mortality from COVID-19 in Prostate Cancer Patients. <i>Cancers</i> , <b>2021</b> , 13,	6.6	6
40	Epigenetic analysis identifies factors driving racial disparity in prostate cancer. <i>Cancer Reports</i> , <b>2019</b> , 2, e1153	1.5	6
39	Pseudouridine as a novel biomarker in prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2021</b> , 39, 63-71	2.8	6
38	DWI of the prostate: Comparison of a faster diagonal acquisition to standard three-scan trace acquisition. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 46, 1767-1775	5.6	5

37	Words of wisdom: Re: Autonomic nerve development contributes to prostate cancer progression. <i>European Urology</i> , <b>2014</b> , 65, 665-6	10.2	5
36	The Tumor Microenvironment and Immunotherapy in Prostate and Bladder Cancer. <i>Urologic Clinics of North America</i> , <b>2020</b> , 47, e17-e54	2.9	5
35	Management of patients who opt for radical prostatectomy during the coronavirus disease 2019 (COVID-19) pandemic: an international accelerated consensus statement. <i>BJU International</i> , <b>2021</b> , 127, 729-741	5.6	5
34	Racial disparity in prostate cancer in the African American population with actionable ideas and novel immunotherapies. <i>Cancer Reports</i> , <b>2021</b> , 4, e1340	1.5	5
33	Image guidance in robot-assisted radical prostatectomy: how far do we stand?. <i>Current Opinion in Urology</i> , <b>2019</b> , 29, 10-13	2.8	4
32	Estimated Costs Associated With Radiation Therapy for Positive Surgical Margins During Radical Prostatectomy. <i>JAMA Network Open</i> , <b>2020</b> , 3, e201913	10.4	4
31	Clinical implications of prostatic capsular abutment or bulging on multiparametric magnetic resonance imaging. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , <b>2019</b> , 71, 502-507	4.4	4
30	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. <i>The Lancet Digital Health</i> , <b>2021</b> , 3, e445-e454	14.4	4
29	Pan-cancer analysis to identify a novel class of glucocorticoid and androgen receptor antagonists with potent anti-tumor activity.. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, e15663-e15663	2.2	3
28	The male external urethral sphincter is autonomically innervated. <i>Clinical Anatomy</i> , <b>2021</b> , 34, 263-271	2.5	3
27	Small Molecule, Multimodal, [F]-PET and Fluorescence Imaging Agent Targeting Prostate-Specific Membrane Antigen: First-in-Human Study. <i>Clinical Genitourinary Cancer</i> , <b>2021</b> , 19, 405-416	3.3	3
26	Clinical stage molecule PT150 is a modulator of glucocorticoid and androgen receptors with antiviral activity against SARS-CoV-2. <i>Cell Cycle</i> , <b>2020</b> , 19, 3632-3638	4.7	2
25	Weighted Gleason Grade Group (WGGG): A new prostate cancer biopsy reporting system with prognostic potential. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 78.e15-78.e21	2.8	2
24	Molecular tracing of prostate cancer lethality. <i>Oncogene</i> , <b>2020</b> , 39, 7225-7238	9.2	2
23	Computer extracted gland features from H&E predicts prostate cancer recurrence comparably to a genomic companion diagnostic test: a large multi-site study. <i>Npj Precision Oncology</i> , <b>2021</b> , 5, 35	9.8	2
22	Robotic-Assisted vs Laparoscopic Radical Nephrectomy. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 1165-1166	27.4	1
21	Effect of Simulation-based Training on Surgical Proficiency and Patient Outcomes: A Randomised Controlled Clinical and Educational Trial. <i>European Urology</i> , <b>2021</b> ,	10.2	1
20	Why do African-American men face higher risks for lethal prostate cancer?. <i>Current Opinion in Urology</i> , <b>2022</b> , 32, 96-101	2.8	1

19	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. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 3732-3733	8.8	1
18	Optimizing Outcomes During Laparoscopic and Robot-assisted Radical Prostatectomy <b>2018</b> , 1179-1193		1
17	Leveraging 5G technology for robotic surgery and cancer care.. <i>Cancer Reports</i> , <b>2022</b> , e1595	1.5	1
16	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.. <i>Cancer Reports</i> , <b>2021</b> , e1492	1.5	1
15	Immune Escape in Prostate Cancer: Known and Predicted Mechanisms and Targets. <i>Urologic Clinics of North America</i> , <b>2020</b> , 47, e9-e16	2.9	0
14	Access and socioeconomic status play an important role in outcomes for African American patients with prostate cancer. <i>Cancer</i> , <b>2020</b> , 126, 4257-4258	6.4	0
13	Current strategies to improve erectile function in patients undergoing radical prostatectomy-intraoperative scenario.. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2022</b> , 40, 79-79	2.8	0
12	A COVID-19 Test Triage Tool, Predicting Negative Results and Reducing the Testing Burden on Healthcare Systems During a Pandemic. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 563465	4.9	0
11	COVID-19 in patients with and without cancer: Examining differences in patient characteristics and outcomes <b>2021</b> , 2, 25-32		0
10	The Evolving Clinical Management of Genitourinary Cancers Amid the COVID-19 Pandemic. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 734963	5.3	0
9	Association between Incidental Pelvic Inflammation and Aggressive Prostate Cancer. <i>Cancers</i> , <b>2022</b> , 14, 2734	6.6	0
8	Radical Surgery <b>2014</b> , 145-169		
7	After Prostate Cancer: A What Next Guide to a Safe and Informed Recovery. <i>BJU International</i> , <b>2011</b> , 108, E317-E317	5.6	
6	Introduction to the seminar - Current strategies to improve erectile function in patients undergoing radical prostatectomy (Preoperative, intraoperative and postoperative scenarios).. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2022</b> , 40, 71-71	2.8	
5	Diary of a urologist as a trainee in USA. <i>Indian Journal of Urology</i> , <b>2009</b> , 25, 257-8	0.8	
4	Prolonged hormonal therapy and external beam radiation independently increase the risk of Persistent Hypogonadism in men treated with prostate brachytherapy. <i>Brachytherapy</i> , <b>2020</b> , 19, 210-215 <sup>2,4</sup>		
3	Multimodal therapy in the treatment of metastatic prostate cancer: A case report. <i>Urology Case Reports</i> , <b>2018</b> , 21, 92-94	0.5	
2	Prostate MRI using a rigid two-channel phased-array endorectal coil: comparison with phased array coil acquisition at 3 T.. <i>Cancer Imaging</i> , <b>2022</b> , 22, 15	5.6	

1 AUTHOR REPLY.. *Urology*, **2021**, 157, 70

1.6