

# Brian D Robinson

## List of Publications by Year in descending order

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95  
papers

9,767  
citations

147566

31  
h-index

46693

89  
g-index

101  
all docs

101  
docs citations

101  
times ranked

13659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative Clinical Genomics of Advanced Prostate Cancer. <i>Cell</i> , 2015, 161, 1215-1228.	13.5	2,660
2	The Molecular Taxonomy of Primary Prostate Cancer. <i>Cell</i> , 2015, 163, 1011-1025.	13.5	2,435
3	Genomic correlates of clinical outcome in advanced prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11428-11436.	3.3	839
4	N-Myc Induces an EZH2-Mediated Transcriptional Program Driving Neuroendocrine Prostate Cancer. <i>Cancer Cell</i> , 2016, 30, 563-577.	7.7	394
5	Tumor Microenvironment of Metastasis in Human Breast Carcinoma: A Potential Prognostic Marker Linked to Hematogenous Dissemination. <i>Clinical Cancer Research</i> , 2009, 15, 2433-2441.	3.2	318
6	Whole-Exome Sequencing of Metastatic Cancer and Biomarkers of Treatment Response. <i>JAMA Oncology</i> , 2015, 1, 466.	3.4	264
7	Animal Models of Human Prostate Cancer: The Consensus Report of the New York Meeting of the Mouse Models of Human Cancers Consortium Prostate Pathology Committee. <i>Cancer Research</i> , 2013, 73, 2718-2736.	0.4	203
8	Tumor Microenvironment of Metastasis and Risk of Distant Metastasis of Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	3.0	158
9	SPOP Mutation Drives Prostate Tumorigenesis In Vivo through Coordinate Regulation of PI3K/mTOR and AR Signaling. <i>Cancer Cell</i> , 2017, 31, 436-451.	7.7	152
10	SPOP Mutations in Prostate Cancer across Demographically Diverse Patient Cohorts. <i>Neoplasia</i> , 2014, 16, 14-W10.	2.3	145
11	The 2019 Genitourinary Pathology Society (GUPS) White Paper on Contemporary Grading of Prostate Cancer. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 461-493.	1.2	143
12	Upper tract urothelial carcinoma has a luminal-papillary T-cell depleted contexture and activated FGFR3 signaling. <i>Nature Communications</i> , 2019, 10, 2977.	5.8	140
13	N-Myc mediated epigenetic reprogramming drives lineage plasticity in advanced prostate cancer. <i>Journal of Clinical Investigation</i> , 2019, 129, 3924-3940.	3.9	115
14	RapidCaP, a Novel GEM Model for Metastatic Prostate Cancer Analysis and Therapy, Reveals Myc as a Driver of Pten-Mutant Metastasis. <i>Cancer Discovery</i> , 2014, 4, 318-333.	7.7	83
15	A Prospective Pilot Study of <sup>89</sup> Zr-J591/Prostate Specific Membrane Antigen Positron Emission Tomography in Men with Localized Prostate Cancer Undergoing Radical Prostatectomy. <i>Journal of Urology</i> , 2014, 191, 1439-1445.	0.2	73
16	CHD1 Loss Alters AR Binding at Lineage-Specific Enhancers and Modulates Distinct Transcriptional Programs to Drive Prostate Tumorigenesis. <i>Cancer Cell</i> , 2019, 35, 603-617.e8.	7.7	70
17	A single-cell atlas of the mouse and human prostate reveals heterogeneity and conservation of epithelial progenitors. <i>ELife</i> , 2020, 9, .	2.8	69
18	Development and validation of a whole-exome sequencing test for simultaneous detection of point mutations, indels and copy-number alterations for precision cancer care. <i>Npj Genomic Medicine</i> , 2016, 1, .	1.7	68

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19	miR-1207-3p regulates the androgen receptor in prostate cancer via FNDC1/fibronectin. <i>Experimental Cell Research</i> , 2016, 348, 190-200.	1.2	67
20	MYC Drives <i>Pten/Trp53</i> -Deficient Proliferation and Metastasis due to IL6 Secretion and AKT Suppression via PHLPP2. <i>Cancer Discovery</i> , 2015, 5, 636-651.	7.7	65
21	Concordance Between Biopsy and Radical Prostatectomy Pathology in the Era of Targeted Biopsy: A Systematic Review and Meta-analysis. <i>European Urology Oncology</i> , 2020, 3, 10-20.	2.6	63
22	Possible germ cell-Sertoli cell interactions are critical for establishing appropriate expression levels for the Sertoli cell-specific MicroRNA, miR-202-5p, in human testis. <i>Basic and Clinical Andrology</i> , 2015, 25, 2.	0.8	59
23	Intraductal Carcinoma of the Prostate. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 418-425.	1.2	55
24	The Learning Curve for Magnetic Resonance Imaging/Ultrasound Fusion-guided Prostate Biopsy. <i>European Urology Oncology</i> , 2019, 2, 135-140.	2.6	53
25	Cyclin A1 and P450 Aromatase Promote Metastatic Homing and Growth of Stem-like Prostate Cancer Cells in the Bone Marrow. <i>Cancer Research</i> , 2016, 76, 2453-2464.	0.4	47
26	Temporal evolution of cellular heterogeneity during the progression to advanced AR-negative prostate cancer. <i>Nature Communications</i> , 2021, 12, 3372.	5.8	45
27	Intraductal carcinoma of the prostate in the absence of high-grade invasive carcinoma represents a molecularly distinct type of <i>in situ</i> carcinoma enriched with oncogenic driver mutations. <i>Journal of Pathology</i> , 2019, 249, 79-89.	2.1	44
28	Bone biopsy protocol for advanced prostate cancer in the era of precision medicine. <i>Cancer</i> , 2018, 124, 1008-1015.	2.0	42
29	Outcomes of microdissection testicular sperm extraction in men with nonobstructive azoospermia due to maturation arrest. <i>Fertility and Sterility</i> , 2015, 104, 569-573.e1.	0.5	38
30	Targeted suppression of AR-V7 using PIP5K1 $\beta$ inhibitor overcomes enzalutamide resistance in prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 63065-63081.	0.8	38
31	Computationally Derived Image Signature of Stromal Morphology Is Prognostic of Prostate Cancer Recurrence Following Prostatectomy in African American Patients. <i>Clinical Cancer Research</i> , 2020, 26, 1915-1923.	3.2	36
32	The nuclear transport receptor Importin-11 is a tumor suppressor that maintains PTEN protein. <i>Journal of Cell Biology</i> , 2017, 216, 641-656.	2.3	35
33	Incidental Prostate Cancer in Transurethral Resection of the Prostate Specimens in the Modern Era. <i>Advances in Urology</i> , 2014, 2014, 1-4.	0.6	30
34	Improved correlation of urinary cytology specimens using The Paris System in biopsy-proven upper tract urothelial carcinomas. <i>Cancer Cytopathology</i> , 2018, 126, 498-504.	1.4	29
35	SPOP mutation drives prostate neoplasia without stabilizing oncogenic transcription factor ERG. <i>Journal of Clinical Investigation</i> , 2017, 128, 381-386.	3.9	29
36	Prostate cancer with Paneth cell-like neuroendocrine differentiation has recognizable histomorphology and harbors AURKA gene amplification. <i>Human Pathology</i> , 2014, 45, 2136-2143.	1.1	28

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37	Insulin-like Growth Factor Messenger RNA-binding Protein 3 Expression Helps Prognostication in Patients with Upper Tract Urothelial Carcinoma. <i>European Urology</i> , 2014, 66, 379-385.	0.9	27
38	Analyses of the Transcriptome and Metabolome Demonstrate That HIF1 $\alpha$ Mediates Altered Tumor Metabolism in Clear Cell Renal Cell Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0120649.	1.1	27
39	Utility of Single-Cell Genomics in Diagnostic Evaluation of Prostate Cancer. <i>Cancer Research</i> , 2018, 78, 348-358.	0.4	24
40	Diagnosis and Genotyping of <i>Coxiella burnetii</i> Endocarditis in a Patient with Prosthetic Pulmonary Valve Replacement Using Next-Generation Sequencing of Plasma Microbial Cell-Free DNA. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz242.	0.4	24
41	Integrative Molecular Analysis of Patients With Advanced and Metastatic Cancer. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	1.5	24
42	Rapid evaluation of fresh ex vivo kidney tissue with full-field optical coherence tomography. <i>Journal of Pathology Informatics</i> , 2015, 6, 53.	0.8	24
43	Ubiquitin Specific Protease 26 (USP26) Expression Analysis in Human Testicular and Extragonadal Tissues Indicates Diverse Action of USP26 in Cell Differentiation and Tumorigenesis. <i>PLoS ONE</i> , 2014, 9, e98638.	1.1	23
44	An emerging role for cytopathology in precision oncology. <i>Cancer Cytopathology</i> , 2016, 124, 167-173.	1.4	23
45	Reshaping of the androgen-driven chromatin landscape in normal prostate cells by early cancer drivers and effect on therapeutic sensitivity. <i>Cell Reports</i> , 2021, 36, 109625.	2.9	22
46	Cancer-Specific Thresholds Adjust for Whole Exome Sequencing-Based Tumor Mutational Burden Distribution. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	1.5	21
47	Common germline-somatic variant interactions in advanced urothelial cancer. <i>Nature Communications</i> , 2020, 11, 6195.	5.8	21
48	Association of Oncofetal Protein Expression with Clinical Outcomes in Patients with Urothelial Carcinoma of the Bladder. <i>Journal of Urology</i> , 2014, 191, 830-841.	0.2	19
49	Multiphoton gradient index endoscopy for evaluation of diseased human prostatic tissue <i>in vivo</i> . <i>Journal of Biomedical Optics</i> , 2014, 19, 116011.	1.4	17
50	The dog as an animal model for bladder and urethral urothelial carcinoma: Comparative epidemiology and histology. <i>Oncology Letters</i> , 2018, 16, 1641-1649.	0.8	17
51	The Role of Systematic and Targeted Biopsies in Light of Overlap on Magnetic Resonance Imaging Ultrasound Fusion Biopsy. <i>European Urology Oncology</i> , 2018, 1, 263-267.	2.6	17
52	G3BP1 inhibits Cul3SPOP to amplify AR signaling and promote prostate cancer. <i>Nature Communications</i> , 2021, 12, 6662.	5.8	17
53	Real-time <i>in vivo</i> 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> , 2015, 116, 478-486.	1.3	16
54	Survivin is not an independent prognostic factor for patients with upper tract urothelial carcinoma: A multi-institutional study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 495.e15-495.e22.	0.8	15

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55	Computationally Derived Cribriform Area Index from Prostate Cancer Hematoxylin and Eosin Images Is Associated with Biochemical Recurrence Following Radical Prostatectomy and Is Most Prognostic in Gleason Grade Group 2. <i>European Urology Focus</i> , 2021, 7, 722-732.	1.6	15
56	Prognostic value of Caveolin-1 in patients treated with radical prostatectomy: a multicentric validation study. <i>BJU International</i> , 2016, 118, 243-249.	1.3	14
57	Microsurgical Rat Varicocele Model. <i>Journal of Urology</i> , 2014, 191, 548-553.	0.2	13
58	Rapid in vivo validation of candidate drivers derived from the PTEN-mutant prostate metastasis genome. <i>Methods</i> , 2015, 77-78, 197-204.	1.9	13
59	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> , 2021, 5, 35.	2.3	13
60	Comparative genomics of primary prostate cancer and paired metastases: insights from 12 molecular case studies. <i>Journal of Pathology</i> , 2022, 257, 274-284.	2.1	13
61	Impact of the Level of Urothelial Carcinoma Involvement of the Prostate on Survival after Radical Cystectomy. <i>Bladder Cancer</i> , 2017, 3, 161-169.	0.2	12
62	Identification of Spermatogenesis in a Rat Sertoli-Cell Only Model Using Raman Spectroscopy: A Feasibility Study. <i>Journal of Urology</i> , 2014, 192, 607-612.	0.2	11
63	Comparative pathology of dog and human prostate cancer. <i>Veterinary Medicine and Science</i> , 2022, 8, 110-120.	0.6	11
64	Multiphoton microscopy for rapid histopathological evaluation of kidney tumours. <i>BJU International</i> , 2016, 118, 118-126.	1.3	10
65	Papillary renal cell carcinoma with a somatic mutation in MET in a patient with autosomal dominant polycystic kidney disease. <i>Cancer Genetics</i> , 2016, 209, 11-20.	0.2	10
66	Integration of whole-exome and anchored PCR-based next generation sequencing significantly increases detection of actionable alterations in precision oncology. <i>Translational Oncology</i> , 2021, 14, 100944.	1.7	10
67	Nested Variant of Urothelial Carcinoma Is a Luminal Bladder Tumor With Distinct Coexpression of the Basal Marker Cytokeratin 5/6. <i>American Journal of Clinical Pathology</i> , 2021, 155, 588-596.	0.4	10
68	Pathologic Outcomes following Urethral Diverticulectomy in Women. <i>Advances in Urology</i> , 2014, 2014, 1-4.	0.6	9
69	Copolymerization of single-cell nucleic acids into balls of acrylamide gel. <i>Genome Research</i> , 2020, 30, 49-61.	2.4	9
70	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. <i>Placenta</i> , 2017, 56, 79-85.	0.7	8
71	Variation in Magnetic Resonance Imaging-Ultrasound Fusion Targeted Biopsy Outcomes in Asian American Men: A Multicenter Study. <i>Journal of Urology</i> , 2020, 203, 530-536.	0.2	8
72	Magnetic resonance microscopy may enable distinction between normal histomorphological features and prostate cancer in the resected prostate gland. <i>BJU International</i> , 2017, 119, 414-423.	1.3	7

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73	Gynecologic Organ Involvement During Radical Cystectomy for Bladder Cancer: Is It Time to Routinely Spare the Ovaries?. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e209-e215.	0.9	7
74	Validation of an Automated Quantitative Digital Pathology Approach for Scoring TMEM: A Prognostic Biomarker for Metastasis. <i>Cancers</i> , 2020, 12, 846.	1.7	7
75	Practice patterns related to prostate cancer grading: results of a 2019 Genitourinary Pathology Society clinician survey. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 295.e1-295.e8.	0.8	6
76	Frequency and Prognostic Value of PTEN Loss in Patients with Upper Tract Urothelial Carcinoma Treated with Radical Nephroureterectomy. <i>Journal of Urology</i> , 2017, 198, 1269-1277.	0.2	5
77	Multiple Regions of Interest on Multiparametric Magnetic Resonance Imaging are Not Associated with Increased Detection of Clinically Significant Prostate Cancer on Fusion Biopsy. <i>Journal of Urology</i> , 2018, 200, 559-563.	0.2	4
78	Incorporating cytologic adequacy assessment into precision oncology workflow using telepathology: An institutional experience. <i>Cancer Cytopathology</i> , 2021, 129, 874-883.	1.4	4
79	The Clinical Utility of the Genomic Prostate Score in Men with Very Low to Intermediate Risk Prostate Cancer. <i>Journal of Urology</i> , 2019, 202, 96-101.	0.2	4
80	Contemporary Results and Clinical Utility of Renal Mass Biopsies in the Setting of Ablative Therapy: A single center experience. <i>Cancer Treatment and Research Communications</i> , 2020, 25, 100209.	0.7	3
81	Tumor size and genomic risk in localized prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 434.e17-434.e22.	0.8	3
82	Clinical, Radiographic, and Pathologic Description of IgG4-related Perivascular Fibrosis: A Previously Undescribed Etiology of Chronic Orchialgia. <i>Urology</i> , 2014, 84, 748-750.	0.5	2
83	A "Chicken or Egg" Conundrum: Race, Molecular Subtype, and Tumor Location in Prostate Cancer. <i>European Urology</i> , 2016, 70, 18-20.	0.9	2
84	A multidisciplinary approach to optimize primary prostate cancer biobanking. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 271.e1-271.e7.	0.8	2
85	Whole exome sequencing to reveal chemotherapy-driven evolution of platinum-resistant metastatic urothelial cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 4513-4513.	0.8	1
86	Upper tract urothelial carcinoma is non-basal and T-cell depleted.. <i>Journal of Clinical Oncology</i> , 2018, 36, 4525-4525.	0.8	1
87	Pilot study on the correlation of multiphoton microscopy of human testicular tumors with histology.. <i>Journal of Clinical Oncology</i> , 2012, 30, 338-338.	0.8	1
88	Frequent truncating mutations of the cohesin complex gene STAG2 in urothelial carcinoma of the bladder.. <i>Journal of Clinical Oncology</i> , 2014, 32, 290-290.	0.8	1
89	Precision medicine program for whole-exome sequencing (WES) provides new insight on platinum sensitivity in advanced prostate cancer (PCa).. <i>Journal of Clinical Oncology</i> , 2015, 33, 158-158.	0.8	1
90	Clonal heterogeneity in platinum-resistant metastatic urothelial cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 290-290.	0.8	0

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91	Analyses of the transcriptome and metabolome to elucidate the role of HIF1 $\alpha$ in clear cell renal cell carcinoma metabolism.. Journal of Clinical Oncology, 2015, 33, 493-493.	0.8	0
92	Integrated whole exome and RNA sequencing to reveal distinct genomic and transcriptomic landscape of upper tract urothelial carcinoma.. Journal of Clinical Oncology, 2016, 34, 379-379.	0.8	0
93	Perihepatic cystic mass: Zebra or horse?. CytoJournal, 2017, 14, 21.	0.8	0
94	Reply by Authors. Journal of Urology, 2020, 203, 536-536.	0.2	0
95	Fc $\gamma$ R3a receptor interacts with androgen receptor and PIP5K1 $\alpha$ to promote growth and metastasis of prostate cancer. Molecular Oncology, 2022, 16, 2496-2517.	2.1	0