Mark A Rubin

List of Publications by Citations

496 papers	67,812 citations	126 h-index	252 g-index
531 ext. papers	77,903 ext. citations	10.8 avg, IF	7.11 L-index

#	Paper	IF	Citations
496	Recurrent fusion of TMPRSS2 and ETS transcription factor genes in prostate cancer. *Science*, **2005**, 310, 644-8	33.3	3022
495	The landscape of somatic copy-number alteration across human cancers. *Nature*, **2010**, 463, 899-905	50.4	2590
494	The polycomb group protein EZH2 is involved in progression of prostate cancer. *Nature*, **2002**, 419, 624-9	50.4	2085
493	Integrative clinical genomics of advanced prostate cancer. *Cell*, **2015**, 161, 1215-1228	56.2	1765
492	Delineation of prognostic biomarkers in prostate cancer. *Nature*, **2001**, 412, 822-6	50.4	1402
491	Development and validation of a clinical cancer genomic profiling test based on massively parallel DNA sequencing. *Nature Biotechnology*, **2013**, 31, 1023-31	44.5	1353
490	DNA-Repair Defects and Olaparib in Metastatic Prostate Cancer. *New England Journal of Medicine*, **2015**, 373, 1697-708	59.2	1345
489	EZH2 is a marker of aggressive breast cancer and promotes neoplastic transformation of breast epithelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 11606-11	11.5	1295
488	Integrative genomic analyses identify MITF as a lineage survival oncogene amplified in malignant melanoma. *Nature*, **2005**, 436, 117-22	50.4	1127
487	Exome sequencing identifies recurrent SPOP, FOXA1 and MED12 mutations in prostate cancer. *Nature Genetics*, **2012**, 44, 685-9	36.3	1079
486	The genomic complexity of primary human prostate cancer. *Nature*, **2011**, 470, 214-20	50.4	984
485	Characterizing the cancer genome in lung adenocarcinoma. *Nature*, **2007**, 450, 893-8	50.4	900
484	Punctuated evolution of prostate cancer genomes. *Cell*, **2013**, 153, 666-77	56.2	862
483	Organoid cultures derived from patients with advanced prostate cancer. *Cell*, **2014**, 159, 176-187	56.2	847
482	High-throughput oncogene mutation profiling in human cancer. *Nature Genetics*, **2007**, 39, 347-51	36.3	847
481	Increased expression of genes converting adrenal androgens to testosterone in androgen-independent prostate cancer. *Cancer Research*, **2006**, 66, 2815-25	10.1	830
480	Assessing the significance of chromosomal aberrations in cancer: methodology and application to glioma. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20007-12	11.5	812

479	Inherited DNA-Repair Gene Mutations in Men with Metastatic Prostate Cancer. *New England Journal of Medicine*, **2016**, 375, 443-53	59.2	791
478	Divergent clonal evolution of castration-resistant neuroendocrine prostate cancer. *Nature Medicine* , **2016**, 22, 298-305	50.5	775
477	Integrative molecular concept modeling of prostate cancer progression. *Nature Genetics*, **2007**, 39, 41-51	36.3	734
476	SOX2 is an amplified lineage-survival oncogene in lung and esophageal squamous cell carcinomas. *Nature Genetics*, **2009**, 41, 1238-42	36.3	733
475	Androgen-independent prostate cancer is a heterogeneous group of diseases: lessons from a rapid autopsy program. *Cancer Research*, **2004**, 64, 9209-16	10.1	712
474	Androgen receptor regulates a distinct transcription program in androgen-independent prostate cancer. *Cell*, **2009**, 138, 245-56	56.2	691
473	Distinct classes of chromosomal rearrangements create oncogenic ETS gene fusions in prostate cancer. *Nature*, **2007**, 448, 595-9	50.4	654
472	Integrative genomic and proteomic analysis of prostate cancer reveals signatures of metastatic progression. *Cancer Cell*, **2005**, 8, 393-406	24.3	625
471	Molecular characterization of neuroendocrine prostate cancer and identification of new drug targets. *Cancer Discovery*, **2011**, 1, 487-95	24.4	550
470	Role of the TMPRSS2-ERG gene fusion in prostate cancer. *Neoplasia*, **2008**, 10, 177-88	6.4	522
469	Autoantibody signatures in prostate cancer. *New England Journal of Medicine*, **2005**, 353, 1224-35	59.2	521
468	SOX2 promotes lineage plasticity and antiandrogen resistance in TP53- and RB1-deficient prostate cancer. *Science*, **2017**, 355, 84-88	33.3	491
467	Prostate pathology of genetically engineered mice: definitions and classification. The consensus report from the Bar Harbor meeting of the Mouse Models of Human Cancer Consortium Prostate Pathology Committee. *Cancer Research*, **2004**, 64, 2270-305	10.1	489
466	alpha-Methylacyl coenzyme A racemase as a tissue biomarker for prostate cancer. *JAMA - Journal of the American Medical Association*, **2002**, 287, 1662-70	27.4	489
465	Personalized and Cancer Models to Guide Precision Medicine. *Cancer Discovery*, **2017**, 7, 462-477	24.4	477
464	Meta-analysis of microarrays: interstudy validation of gene expression profiles reveals pathway dysregulation in prostate cancer. *Cancer Research*, **2002**, 62, 4427-33	10.1	460
463	The oestrogen receptor alpha-regulated lncRNA NEAT1 is a critical modulator of prostate cancer. *Nature Communications*, **2014**, 5, 5383	17.4	432
462	TMPRSS2:ERG fusion-associated deletions provide insight into the heterogeneity of prostate cancer. *Cancer Research*, **2006**, 66, 8337-41	10.1	419

461	TMPRSS2:ETV4 gene fusions define a third molecular subtype of prostate cancer. *Cancer Research*, **2006**, 66, 3396-400	10.1	387
460	Genomic correlates of clinical outcome in advanced prostate cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 11428-11436	11.5	383
459	Rearrangements of the RAF kinase pathway in prostate cancer, gastric cancer and melanoma. *Nature Medicine*, **2010**, 16, 793-8	50.5	382
458	The long tail of oncogenic drivers in prostate cancer. *Nature Genetics*, **2018**, 50, 645-651	36.3	380
457	Expression of CXCR4 and CXCL12 (SDF-1) in human prostate cancers (PCa) in vivo. *Journal of Cellular Biochemistry*, **2003**, 89, 462-73	4.7	370
456	TMPRSS2-ERG fusion prostate cancer: an early molecular event associated with invasion. *American Journal of Surgical Pathology*, **2007**, 31, 882-8	6.7	351
455	Novel YAP1-TFE3 fusion defines a distinct subset of epithelioid hemangioendothelioma. *Genes Chromosomes and Cancer*, **2013**, 52, 775-84	5	349
454	Patterns of gene expression and copy-number alterations in von-hippel lindau disease-associated and sporadic clear cell carcinoma of the kidney. *Cancer Research*, **2009**, 69, 4674-81	10.1	327
453	Prostate-specific membrane antigen expression as a predictor of prostate cancer progression. *Human Pathology*, **2007**, 38, 696-701	3.7	326
452	Management of Patients with Advanced Prostate Cancer: The Report of the Advanced Prostate Cancer Consensus Conference APCCC 2017. *European Urology*, **2018**, 73, 178-211	10.2	313
451	Targeted next-generation sequencing of advanced prostate cancer identifies potential therapeutic targets and disease heterogeneity. *European Urology*, **2013**, 63, 920-6	10.2	313
450	Beyond PSA: the next generation of prostate cancer biomarkers. *Science Translational Medicine*, **2012**, 4, 127rv3	17.5	313
449	Proposed morphologic classification of prostate cancer with neuroendocrine differentiation. *American Journal of Surgical Pathology*, **2014**, 38, 756-67	6.7	305
448	Role of non-coding sequence variants in cancer. *Nature Reviews Genetics*, **2016**, 17, 93-108	30.1	301
447	Profiling critical cancer gene mutations in clinical tumor samples. *PLoS ONE*, **2009**, 4, e7887	3.7	295
446	Homozygous deletions and chromosome amplifications in human lung carcinomas revealed by single nucleotide polymorphism array analysis. *Cancer Research*, **2005**, 65, 5561-70	10.1	285
445	Integrative annotation of variants from 1092 humans: application to cancer genomics. *Science*, **2013** , 342, 1235587	33.3	281
444	Antibody-based detection of ERG rearrangement-positive prostate cancer. *Neoplasia*, **2010**, 12, 590-8	6.4	281

443	Urine TMPRSS2:ERG fusion transcript stratifies prostate cancer risk in men with elevated serum PSA. *Science Translational Medicine*, **2011**, 3, 94ra72	17.5	281
442	JAGGED1 expression is associated with prostate cancer metastasis and recurrence. *Cancer Research*, **2004**, 64, 6854-7	10.1	280
441	E-cadherin expression in primary carcinomas of the breast and its distant metastases. *Breast Cancer Research*, **2003**, 5, R217-22	8.3	280
440	ETS gene fusions in prostate cancer: from discovery to daily clinical practice. *European Urology*, **2009**, 56, 275-86	10.2	279
439	Suppression of insulin feedback enhances the efficacy of PI3K inhibitors. *Nature*, **2018**, 560, 499-503	50.4	277
438	Diagnosis of NUT midline carcinoma using a NUT-specific monoclonal antibody. *American Journal of Surgical Pathology*, **2009**, 33, 984-91	6.7	277
437	Gleason score and lethal prostate cancer: does 3 + 4 = 4 + 3?. *Journal of Clinical Oncology*, **2009**, 27, 3459-64	50.4	276
436	Focal therapy for localized prostate cancer: a critical appraisal of rationale and modalities. *Journal of Urology*, **2007**, 178, 2260-7	2.5	275
435	Oncosome formation in prostate cancer: association with a region of frequent chromosomal deletion in metastatic disease. *Cancer Research*, **2009**, 69, 5601-9	10.1	272
434	Clinical and Genomic Characterization of Treatment-Emergent Small-Cell Neuroendocrine Prostate Cancer: A Multi-institutional Prospective Study. *Journal of Clinical Oncology*, **2018**, 36, 2492-2503	2.2	271
433	Tissue microarray sampling strategy for prostate cancer biomarker analysis. *American Journal of Surgical Pathology*, **2002**, 26, 312-9	6.7	258
432	N-Myc Induces an EZH2-Mediated Transcriptional Program Driving Neuroendocrine Prostate Cancer. *Cancer Cell*, **2016**, 30, 563-577	24.3	256
431	The role of SPINK1 in ETS rearrangement-negative prostate cancers. *Cancer Cell*, **2008**, 13, 519-28	24.3	254
430	Identification of a disease-defining gene fusion in epithelioid hemangioendothelioma. *Science Translational Medicine*, **2011**, 3, 98ra82	17.5	252
429	Estrogen-dependent signaling in a molecularly distinct subclass of aggressive prostate cancer. *Journal of the National Cancer Institute*, **2008**, 100, 815-25	9.7	251
428	High fidelity patient-derived xenografts for accelerating prostate cancer discovery and drug development. *Cancer Research*, **2014**, 74, 1272-83	10.1	250
427	Comprehensive assessment of TMPRSS2 and ETS family gene aberrations in clinically localized prostate cancer. *Modern Pathology*, **2007**, 20, 538-44	9.8	250
426	Large oncosomes in human prostate cancer tissues and in the circulation of mice with metastatic disease. *American Journal of Pathology*, **2012**, 181, 1573-84	5.8	249

425	Aggressive variants of castration-resistant prostate cancer. *Clinical Cancer Research*, **2014**, 20, 2846-50	12.9	245
424	Alpha-Methylacyl-CoA racemase: a novel tumor marker over-expressed in several human cancers and their precursor lesions. *American Journal of Surgical Pathology*, **2002**, 26, 926-31	6.7	236
423	Common gene rearrangements in prostate cancer. *Journal of Clinical Oncology*, **2011**, 29, 3659-68	2.2	231
422	AlleleSeq: analysis of allele-specific expression and binding in a network framework. *Molecular Systems Biology*, **2011**, 7, 522	12.2	228
421	Analyses of non-coding somatic drivers in 2,658 cancer whole genomes. *Nature*, **2020**, 578, 102-111	50.4	220
420	Characterization of TMPRSS2-ETS gene aberrations in androgen-independent metastatic prostate cancer. *Cancer Research*, **2008**, 68, 3584-90	10.1	220
419	Multiplex biomarker approach for determining risk of prostate-specific antigen-defined recurrence of prostate cancer. *Journal of the National Cancer Institute*, **2003**, 95, 661-8	9.7	220
418	Whole-Exome Sequencing of Metastatic Cancer and Biomarkers of Treatment Response. *JAMA Oncology*, **2015**, 1, 466-74	13.4	207
417	PCAT-1, a long noncoding RNA, regulates BRCA2 and controls homologous recombination in cancer. *Cancer Research*, **2014**, 74, 1651-60	10.1	204
416	EML4-ALK fusion lung cancer: a rare acquired event. *Neoplasia*, **2008**, 10, 298-302	6.4	201
415	TMPRSS2-ERG gene fusion prevalence and class are significantly different in prostate cancer of Caucasian, African-American and Japanese patients. *Prostate*, **2011**, 71, 489-97	4.2	198
414	Transdifferentiation as a Mechanism of Treatment Resistance in a Mouse Model of Castration-Resistant Prostate Cancer. *Cancer Discovery*, **2017**, 7, 736-749	24.4	182
413	A germline DNA polymorphism enhances alternative splicing of the KLF6 tumor suppressor gene and is associated with increased prostate cancer risk. *Cancer Research*, **2005**, 65, 1213-22	10.1	182
412	Prevalence of TMPRSS2-ERG fusion prostate cancer among men undergoing prostate biopsy in the United States. *Clinical Cancer Research*, **2009**, 15, 4706-11	12.9	181
411	Characterization of TMPRSS2-ERG fusion high-grade prostatic intraepithelial neoplasia and potential clinical implications. *Clinical Cancer Research*, **2008**, 14, 3380-5	12.9	177
410	Prostate cancer-associated mutations in speckle-type POZ protein (SPOP) regulate steroid receptor coactivator 3 protein turnover. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6997-7002	11.5	176
409	Renal oncocytosis: a morphologic study of fourteen cases. *American Journal of Surgical Pathology*, **1999**, 23, 1094-101	6.7	176
408	Noninvasive detection of TMPRSS2:ERG fusion transcripts in the urine of men with prostate cancer. *Neoplasia*, **2006**, 8, 885-8	6.4	174

407	The Master Neural Transcription Factor BRN2 Is an Androgen Receptor-Suppressed Driver of Neuroendocrine Differentiation in Prostate Cancer. *Cancer Discovery*, **2017**, 7, 54-71	24.4	173
406	Characterization of RhoC expression in benign and malignant breast disease: a potential new marker for small breast carcinomas with metastatic ability. *American Journal of Pathology*, **2002**, 160, 579-84	5.8	171
405	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. *Nature Medicine*, **2017**, 23, 1063-1071	50.5	169
404	Molecular sampling of prostate cancer: a dilemma for predicting disease progression. *BMC Medical Genomics*, **2010**, 3, 8	3.7	169
403	Concurrent AURKA and MYCN gene amplifications are harbingers of lethal treatment-related neuroendocrine prostate cancer. *Neoplasia*, **2013**, 15, 1-10	6.4	165
402	Treatment-dependent androgen receptor mutations in prostate cancer exploit multiple mechanisms to evade therapy. *Cancer Research*, **2009**, 69, 4434-42	10.1	162
401	Clonal evolution of chemotherapy-resistant urothelial carcinoma. *Nature Genetics*, **2016**, 48, 1490-1499	36.3	161
400	Combining urinary detection of TMPRSS2:ERG and PCA3 with serum PSA to predict diagnosis of prostate cancer. *Urologic Oncology: Seminars and Original Investigations*, **2013**, 31, 566-71	2.8	160
399	Whole genome scanning identifies genotypes associated with recurrence and metastasis in prostate tumors. *Human Molecular Genetics*, **2004**, 13, 1303-13	5.6	158
398	Prostate cancer. Ubiquitylome analysis identifies dysregulation of effector substrates in SPOP-mutant prostate cancer. *Science*, **2014**, 346, 85-89	33.3	157
397	Discovery of non-ETS gene fusions in human prostate cancer using next-generation RNA sequencing. *Genome Research*, **2011**, 21, 56-67	9.7	156
396	The Placental Gene PEG10 Promotes Progression of Neuroendocrine Prostate Cancer. *Cell Reports*, **2015**, 12, 922-36	10.6	155
395	Management of Patients with Advanced Prostate Cancer: Report of the Advanced Prostate Cancer Consensus Conference 2019. *European Urology*, **2020**, 77, 508-547	10.2	155
394	Neuroendocrine expression in metastatic prostate cancer: evaluation of high throughput tissue microarrays to detect heterogeneous protein expression. *Human Pathology*, **2000**, 31, 406-14	3.7	154
393	SOX2 gene amplification and protein overexpression are associated with better outcome in squamous cell lung cancer. *Modern Pathology*, **2011**, 24, 944-53	9.8	153
392	Comparison of the basal cell-specific markers, 34betaE12 and p63, in the diagnosis of prostate cancer. *American Journal of Surgical Pathology*, **2002**, 26, 1161-8	6.7	152
391	SLC45A3-ELK4 is a novel and frequent erythroblast transformation-specific fusion transcript in prostate cancer. *Cancer Research*, **2009**, 69, 2734-8	10.1	151
390	E-cadherin expression in prostate cancer: a broad survey using high-density tissue microarray technology. *Human Pathology*, **2001**, 32, 690-7	3.7	150

389	Patient derived organoids to model rare prostate cancer phenotypes. *Nature Communications*, **2018**, 9, 2404	17.4	149
388	Dysregulation of the annexin family protein family is associated with prostate cancer progression. *American Journal of Pathology*, **2003**, 162, 255-61	5.8	149
387	Challenges in recognizing treatment-related neuroendocrine prostate cancer. *Journal of Clinical Oncology*, **2012**, 30, e386-9	2.2	146
386	The mutational landscape of prostate cancer. *European Urology*, **2013**, 64, 567-76	10.2	144
385	Recurrent NCOA2 gene rearrangements in congenital/infantile spindle cell rhabdomyosarcoma. *Genes Chromosomes and Cancer*, **2013**, 52, 538-50	5	143
384	From sequence to molecular pathology, and a mechanism driving the neuroendocrine phenotype in prostate cancer. *Journal of Pathology*, **2012**, 227, 286-97	9.4	142
383	Frequent truncating mutations of STAG2 in bladder cancer. *Nature Genetics*, **2013**, 45, 1428-30	36.3	139
382	Transplantation of engineered organoids enables rapid generation of metastatic mouse models of colorectal cancer. *Nature Biotechnology*, **2017**, 35, 577-582	44.5	137
381	Epigenetic repression of miR-31 disrupts androgen receptor homeostasis and contributes to prostate cancer progression. *Cancer Research*, **2013**, 73, 1232-44	10.1	137
380	Overexpression, amplification, and androgen regulation of TPD52 in prostate cancer. *Cancer Research*, **2004**, 64, 3814-22	10.1	136
379	Quantitative determination of expression of the prostate cancer protein alpha-methylacyl-CoA racemase using automated quantitative analysis (AQUA): a novel paradigm for automated and continuous biomarker measurements. *American Journal of Pathology*, **2004**, 164, 831-40	5.8	135
378	The role of calpain in the proteolytic cleavage of E-cadherin in prostate and mammary epithelial cells. *Journal of Biological Chemistry*, **2003**, 278, 1372-9	5.4	134
377	APC/CTNNB1 (beta-catenin) pathway alterations in human prostate cancers. *Genes Chromosomes and Cancer*, **2002**, 34, 9-16	5	133
376	DNA Repair in Prostate Cancer: Biology and Clinical Implications. *European Urology*, **2017**, 71, 417-425	10.2	132
375	TMPRSS2-ERG fusion heterogeneity in multifocal prostate cancer: clinical and biologic implications. *Urology*, **2007**, 70, 630-3	1.6	131
374	Identification of the transcription factor single-minded homologue 2 as a potential biomarker and immunotherapy target in prostate cancer. *Clinical Cancer Research*, **2009**, 15, 5794-802	12.9	130
373	DNA unwinding by ASCC3 helicase is coupled to ALKBH3-dependent DNA alkylation repair and cancer cell proliferation. *Molecular Cell*, **2011**, 44, 373-84	17.6	129
372	Inferring loss-of-heterozygosity from unpaired tumors using high-density oligonucleotide SNP arrays. *PLoS Computational Biology*, **2006**, 2, e41	5	124

371	Changes in differential gene expression because of warm ischemia time of radical prostatectomy specimens. *American Journal of Pathology*, **2002**, 161, 1743-8	5.8	124
370	FusionSeq: a modular framework for finding gene fusions by analyzing paired-end RNA-sequencing data. *Genome Biology*, **2010**, 11, R104	18.3	121
369	mRNA expression signature of Gleason grade predicts lethal prostate cancer. *Journal of Clinical Oncology*, **2011**, 29, 2391-6	2.2	119
368	Basal cell cocktail (34betaE12 + p63) improves the detection of prostate basal cells. *American Journal of Surgical Pathology*, **2003**, 27, 365-71	6.7	118
367	SPOP Mutation Drives Prostate Tumorigenesis In Vivo through Coordinate Regulation of PI3K/mTOR and AR Signaling. *Cancer Cell*, **2017**, 31, 436-451	24.3	116
366	Prevalence of TMPRSS2-ERG and SLC45A3-ERG gene fusions in a large prostatectomy cohort. *Modern Pathology*, **2010**, 23, 539-46	9.8	116
365	The role of metastasis-associated protein 1 in prostate cancer progression. *Cancer Research*, **2004**, 64, 825-9	10.1	116
364	Human prostate sphere-forming cells represent a subset of basal epithelial cells capable of glandular regeneration in vivo. *Prostate*, **2010**, 70, 491-501	4.2	115
363	SPOP mutations in prostate cancer across demographically diverse patient cohorts. *Neoplasia*, **2014**, 16, 14-20	6.4	113
362	Humoral immune response to alpha-methylacyl-CoA racemase and prostate cancer. *Journal of the National Cancer Institute*, **2004**, 96, 834-43	9.7	113
361	How well does the Gleason score predict prostate cancer death? A 20-year followup of a population based cohort in Sweden. *Journal of Urology*, **2006**, 175, 1337-40	2.5	112
360	Postatrophic hyperplasia of the prostate gland: neoplastic precursor or innocent bystander?. *American Journal of Pathology*, **2001**, 158, 1767-73	5.8	112
359	Multicenter Evaluation of the Prostate Health Index to Detect Aggressive Prostate Cancer in Biopsy Naïve Men. *Journal of Urology*, **2015**, 194, 65-72	2.5	110
358	SPOP mutation leads to genomic instability in prostate cancer. *ELife*, **2015**, 4,	8.9	110
357	Oncogene-mediated alterations in chromatin conformation. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 9083-8	11.5	110
356	A Phase II Trial of the Aurora Kinase A Inhibitor Alisertib for Patients with Castration-resistant and Neuroendocrine Prostate Cancer: Efficacy and Biomarkers. *Clinical Cancer Research*, **2019**, 25, 43-51	12.9	110
355	Biology and evolution of poorly differentiated neuroendocrine tumors. *Nature Medicine*, **2017**, 23, 1-10	50.5	109
354	Evidence for molecular differences in prostate cancer between African American and Caucasian men. *Clinical Cancer Research*, **2014**, 20, 4925-34	12.9	108

353	Genome-wide DNA methylation events in TMPRSS2-ERG fusion-negative prostate cancers implicate an EZH2-dependent mechanism with miR-26a hypermethylation. *Cancer Discovery*, **2012**, 2, 1024-35	24.4	107
352	The pro-apoptotic kinase Mst1 and its caspase cleavage products are direct inhibitors of Akt1. *EMBO Journal*, **2007**, 26, 4523-34	13	107
351	Beta-catenin-related anomalies in apoptosis-resistant and hormone-refractory prostate cancer cells. *Clinical Cancer Research*, **2003**, 9, 1801-7	12.9	106
350	alpha-Methylacyl-CoA racemase: expression levels of this novel cancer biomarker depend on tumor differentiation. *American Journal of Pathology*, **2002**, 161, 841-8	5.8	105
349	Molecular characterization of TMPRSS2-ERG gene fusion in the NCI-H660 prostate cancer cell line: a new perspective for an old model. *Neoplasia*, **2007**, 9, 200-6	6.4	104
348	Chromatin to Clinic: The Molecular Rationale for PARP1 Inhibitor Function. *Molecular Cell*, **2015**, 58, 925-34	14.6	102
347	Evaluating localized prostate cancer and identifying candidates for focal therapy. *Urology*, **2008**, 72, S12-24	2.6	101
346	Cribriform carcinoma of the prostate and cribriform prostatic intraepithelial neoplasia: incidence and clinical implications. *American Journal of Surgical Pathology*, **1998**, 22, 840-8	6.7	100
345	Novel MIR143-NOTCH fusions in benign and malignant glomus tumors. *Genes Chromosomes and Cancer*, **2013**, 52, 1075-87	5	99
344	The critical role of the pathologist in determining eligibility for active surveillance as a management option in patients with prostate cancer: consensus statement with recommendations supported by the College of American Pathologists, International Society of Urological Pathology, Association of Directors of Anatomic and Surgical Pathology, the New Zealand Society of	5	99
343	ERG rearrangement is specific to prostate cancer and does not occur in any other common tumor. *Modern Pathology*, **2010**, 23, 1061-7	9.8	97
342	Common structural and epigenetic changes in the genome of castration-resistant prostate cancer. *Cancer Research*, **2012**, 72, 616-25	10.1	97
341	A working group classification of focal prostate atrophy lesions. *American Journal of Surgical Pathology*, **2006**, 30, 1281-91	6.7	97
340	Integrative analysis of genomic aberrations associated with prostate cancer progression. *Cancer Research*, **2007**, 67, 8229-39	10.1	96
339	Identification of leukocyte E-selectin ligands, P-selectin glycoprotein ligand-1 and E-selectin ligand-1, on human metastatic prostate tumor cells. *Cancer Research*, **2005**, 65, 5750-60	10.1	96
338	Molecular profiling and the identification of genes associated with metastatic oral cavity/pharynx squamous cell carcinoma. *JAMA Otolaryngology*, **2004**, 130, 295-302		95
337	The Role of Lineage Plasticity in Prostate Cancer Therapy Resistance. *Clinical Cancer Research*, **2019**, 25, 6916-6924	12.9	94
336	An oncogenic role for ETV1 in melanoma. *Cancer Research*, **2010**, 70, 2075-84	10.1	94

335	N-myc downstream regulated gene 1 (NDRG1) is fused to ERG in prostate cancer. *Neoplasia*, **2009**, 11, 804-11	6.4	92
334	Detection of early prostate cancer using a hepsin-targeted imaging agent. *Cancer Research*, **2008**, 68, 2286-91	10.1	92
333	Decreased alpha-methylacyl CoA racemase expression in localized prostate cancer is associated with an increased rate of biochemical recurrence and cancer-specific death. *Cancer Epidemiology Biomarkers and Prevention*, **2005**, 14, 1424-32	4	92
332	Prostate needle biopsy reporting: how are the surgical members of the Society of Urologic Oncology using pathology reports to guide treatment of prostate cancer patients?. *American Journal of Surgical Pathology*, **2004**, 28, 946-52	6.7	91
331	Relational database structure to manage high-density tissue microarray data and images for pathology studies focusing on clinical outcome: the prostate specialized program of research excellence model. *American Journal of Pathology*, **2001**, 159, 837-43	5.8	91
330	KLF6-SV1 overexpression accelerates human and mouse prostate cancer progression and metastasis. *Journal of Clinical Investigation*, **2008**, 118, 2711-21	15.9	89
329	Association Between Combined TMPRSS2:ERG and PCA3 RNA Urinary Testing and Detection of Aggressive Prostate Cancer. *JAMA Oncology*, **2017**, 3, 1085-1093	13.4	88
328	A proposal on the identification, histologic reporting, and implications of intraductal prostatic carcinoma. *Archives of Pathology and Laboratory Medicine*, **2007**, 131, 1103-9	5	87
327	Clinical significance of TTF-1 protein expression and TTF-1 gene amplification in lung adenocarcinoma. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 1977-1986	5.6	86
326	Profiling and verification of gene expression patterns in normal and malignant human prostate tissues by cDNA microarray analysis. *Neoplasia*, **2001**, 3, 43-52	6.4	86
325	Diagnostic utility of MYC amplification and anti-MYC immunohistochemistry in atypical vascular lesions, primary or radiation-induced mammary angiosarcomas, and primary angiosarcomas of other sites. *Human Pathology*, **2014**, 45, 709-16	3.7	85
324	Targeted genomic sequencing of pediatric Burkitt lymphoma identifies recurrent alterations in antiapoptotic and chromatin-remodeling genes. *Blood*, **2012**, 120, 5181-4	2.2	84
323	Immunogenomic analyses associate immunological alterations with mismatch repair defects in prostate cancer. *Journal of Clinical Investigation*, **2018**, 128, 4441-4453	15.9	84
322	Characterization of KRAS rearrangements in metastatic prostate cancer. *Cancer Discovery*, **2011**, 1, 35-43	24.4	83
321	Elevated E2F1 inhibits transcription of the androgen receptor in metastatic hormone-resistant prostate cancer. *Cancer Research*, **2006**, 66, 11897-906	10.1	83
320	A functional thrombin receptor (PAR1) is expressed on bone-derived prostate cancer cell lines. *Urology*, **2002**, 60, 760-5	1.6	83
319	Inadequate formalin fixation decreases reliability of p27 immunohistochemical staining: probing optimal fixation time using high-density tissue microarrays. *Human Pathology*, **2002**, 33, 756-60	3.7	83
318	Apoptosis and expression of Bcl-2, Bcl-XL, and Bax in renal cell carcinomas. *Cancer Investigation*, **2002**, 20, 324-32	2.1	82

317	ERG induces taxane resistance in castration-resistant prostate cancer. *Nature Communications*, **2014**, 5, 5548	17.4	81
316	TMPRSS2:ERG gene fusion predicts subsequent detection of prostate cancer in patients with high-grade prostatic intraepithelial neoplasia. *Journal of Clinical Oncology*, **2014**, 32, 206-11	2.2	79
315	Truncation of the beta-catenin binding domain of E-cadherin precedes epithelial apoptosis during prostate and mammary involution. *Journal of Biological Chemistry*, **2000**, 275, 3328-34	5.4	77
314	Perineural invasion on prostate needle biopsy: an independent predictor of final pathologic stage. *Urology*, **1999**, 54, 1039-43	1.6	77
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