

Srinivasan Yegnasubramanian

List of Publications by Citations

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

100
papers

6,582
citations

39
h-index

80
g-index

115
ext. papers

8,005
ext. citations

8.4
avg, IF

5.58
L-index

#	Paper	IF	Citations
100	Copy number analysis indicates monoclonal origin of lethal metastatic prostate cancer. <i>Nature Medicine</i> , 2009 , 15, 559-65	50.5	513
99	Androgen-induced TOP2B-mediated double-strand breaks and prostate cancer gene rearrangements. <i>Nature Genetics</i> , 2010 , 42, 668-75	36.3	436
98	Distinct transcriptional programs mediated by the ligand-dependent full-length androgen receptor and its splice variants in castration-resistant prostate cancer. <i>Cancer Research</i> , 2012 , 72, 3457-62	10.1	417
97	Hypermethylation of CpG islands in primary and metastatic human prostate cancer. <i>Cancer Research</i> , 2004 , 64, 1975-86	10.1	416
96	Tracking the clonal origin of lethal prostate cancer. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4918-22	15.9	355
95	Global 5-hydroxymethylcytosine content is significantly reduced in tissue stem/progenitor cell compartments and in human cancers. <i>Oncotarget</i> , 2011 , 2, 627-37	3.3	330
94	Procainamide is a specific inhibitor of DNA methyltransferase 1. <i>Journal of Biological Chemistry</i> , 2005 , 280, 40749-56	5.4	223
93	Update on Systemic Prostate Cancer Therapies: Management of Metastatic Castration-resistant Prostate Cancer in the Era of Precision Oncology. <i>European Urology</i> , 2019 , 75, 88-99	10.2	216
92	DNA hypomethylation arises later in prostate cancer progression than CpG island hypermethylation and contributes to metastatic tumor heterogeneity. <i>Cancer Research</i> , 2008 , 68, 8954-67	10.1	209
91	DNA methylation alterations exhibit intraindividual stability and interindividual heterogeneity in prostate cancer metastases. <i>Science Translational Medicine</i> , 2013 , 5, 169ra10	17.5	190
90	The inflammatory microenvironment and microbiome in prostate cancer development. <i>Nature Reviews Urology</i> , 2018 , 15, 11-24	5.5	179
89	Effect of bipolar androgen therapy for asymptomatic men with castration-resistant prostate cancer: results from a pilot clinical study. <i>Science Translational Medicine</i> , 2015 , 7, 269ra2	17.5	149
88	Decreased 5-hydroxymethylcytosine is associated with neural progenitor phenotype in normal brain and shorter survival in malignant glioma. <i>PLoS ONE</i> , 2012 , 7, e41036	3.7	128
87	Disulfiram is a DNA demethylating agent and inhibits prostate cancer cell growth. <i>Prostate</i> , 2011 , 71, 333-43	4.2	128
86	A novel two-stage, transdisciplinary study identifies digoxin as a possible drug for prostate cancer treatment. <i>Cancer Discovery</i> , 2011 , 1, 68-77	24.4	120
85	Epigenetic alterations in human prostate cancers. <i>Endocrinology</i> , 2009 , 150, 3991-4002	4.8	117
84	Clinical validation of KRAS, BRAF, and EGFR mutation detection using next-generation sequencing. <i>American Journal of Clinical Pathology</i> , 2014 , 141, 856-66	1.9	115

83	Profiling the Urinary Microbiome in Men with Positive versus Negative Biopsies for Prostate Cancer. <i>Journal of Urology</i> , 2018 , 199, 161-171	2.5	108
82	Abnormal DNA methylation, epigenetics, and prostate cancer. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 4254-66	2.8	107
81	Key tumor suppressor genes inactivated by "greater promoter" methylation and somatic mutations in head and neck cancer. <i>Epigenetics</i> , 2014 , 9, 1031-46	5.7	105
80	Global DNA hypomethylation in intratubular germ cell neoplasia and seminoma, but not in nonseminomatous male germ cell tumors. <i>Modern Pathology</i> , 2008 , 21, 1337-44	9.8	100
79	Increased protein stability causes DNA methyltransferase 1 dysregulation in breast cancer. <i>Journal of Biological Chemistry</i> , 2005 , 280, 18302-10	5.4	99
78	Comprehensive Evaluation of Programmed Death-Ligand 1 Expression in Primary and Metastatic Prostate Cancer. <i>American Journal of Pathology</i> , 2018 , 188, 1478-1485	5.8	79
77	Genome-wide comparison of the transcriptomes of highly enriched normal and chronic myeloid leukemia stem and progenitor cell populations. <i>Oncotarget</i> , 2013 , 4, 715-28	3.3	77
76	Combined MYC Activation and Pten Loss Are Sufficient to Create Genomic Instability and Lethal Metastatic Prostate Cancer. <i>Cancer Research</i> , 2016 , 76, 283-92	10.1	73
75	Combination of methylated-DNA precipitation and methylation-sensitive restriction enzymes (COMPARE-MS) for the rapid, sensitive and quantitative detection of DNA methylation. <i>Nucleic Acids Research</i> , 2006 , 34, e19	20.1	73
74	Transcription-induced DNA double strand breaks: both oncogenic force and potential therapeutic target?. <i>Clinical Cancer Research</i> , 2011 , 17, 3858-64	12.9	72
73	c-Myc Antagonises the Transcriptional Activity of the Androgen Receptor in Prostate Cancer Affecting Key Gene Networks. <i>EBioMedicine</i> , 2017 , 18, 83-93	8.8	63
72	Donor cell leukemia arising from clonal hematopoiesis after bone marrow transplantation. <i>Leukemia</i> , 2016 , 30, 1916-1920	10.7	59
71	Molecular evidence that invasive adenocarcinoma can mimic prostatic intraepithelial neoplasia (PIN) and intraductal carcinoma through retrograde glandular colonization. <i>Journal of Pathology</i> , 2016 , 238, 31-41	9.4	57
70	Redox-Responsive Nanoparticle-Mediated Systemic RNAi for Effective Cancer Therapy. <i>Small</i> , 2018 , 14, e1802565	11	57
69	Anti-inflammatory drugs, antioxidants, and prostate cancer prevention. <i>Current Opinion in Pharmacology</i> , 2009 , 9, 419-26	5.1	56
68	Epigenetic DNA methylation of antioxidative stress regulator NRF2 in human prostate cancer. <i>Cancer Prevention Research</i> , 2014 , 7, 1186-97	3.2	50
67	Chromosome-wide mapping of DNA methylation patterns in normal and malignant prostate cells reveals pervasive methylation of gene-associated and conserved intergenic sequences. <i>BMC Genomics</i> , 2011 , 12, 313	4.5	50
66	Transcriptional profiling identifies novel regulators of macrophage polarization. <i>PLoS ONE</i> , 2018 , 13, e0208602	3.7	47

65	Defining UHRF1 Domains that Support Maintenance of Human Colon Cancer DNA Methylation and Oncogenic Properties. <i>Cancer Cell</i> , 2019 , 35, 633-648.e7	24.3	45
64	Genomic and phenotypic heterogeneity in prostate cancer. <i>Nature Reviews Urology</i> , 2021 , 18, 79-92	5.5	41
63	Metabolic programs define dysfunctional immune responses in severe COVID-19 patients. <i>Cell Reports</i> , 2021 , 34, 108863	10.6	40
62	Transcriptional programs of neoantigen-specific TIL in anti-PD-1-treated lung cancers. <i>Nature</i> , 2021 , 596, 126-132	50.4	40
61	Prostate adenocarcinomas aberrantly expressing p63 are molecularly distinct from usual-type prostatic adenocarcinomas. <i>Modern Pathology</i> , 2015 , 28, 446-56	9.8	37
60	Diagnostic challenges of clonal heterogeneity in prostate cancer. <i>Journal of Clinical Oncology</i> , 2015 , 33, e38-40	2.2	36
59	Chromatin dysregulation and DNA methylation at transcription start sites associated with transcriptional repression in cancers. <i>Nature Communications</i> , 2019 , 10, 2188	17.4	34
58	MYC drives overexpression of telomerase RNA (hTR/TERC) in prostate cancer. <i>Journal of Pathology</i> , 2018 , 244, 11-24	9.4	34
57	Premalignancy in Prostate Cancer: Rethinking What we Know. <i>Cancer Prevention Research</i> , 2016 , 9, 648-562	5.2	33
56	GSTP1 Loss results in accumulation of oxidative DNA base damage and promotes prostate cancer cell survival following exposure to protracted oxidative stress. <i>Prostate</i> , 2016 , 76, 199-206	4.2	33
55	Global DNA methylation changes and differential gene expression in Anaplasma phagocytophilum-infected human neutrophils. <i>Clinical Epigenetics</i> , 2015 , 7, 77	7.7	32
54	Immunogenicity of prostate cancer is augmented by BET bromodomain inhibition 2019 , 7, 277		31
53	The diet as a cause of human prostate cancer. <i>Cancer Treatment and Research</i> , 2014 , 159, 51-68	3.5	31
52	Nucleotide resolution analysis of TMPRSS2 and ERG rearrangements in prostate cancer. <i>Journal of Pathology</i> , 2013 , 230, 174-83	9.4	31
51	Inflammation, Microbiota, and Prostate Cancer. <i>European Urology Focus</i> , 2016 , 2, 374-382	5.1	28
50	A Novel Functional Splice Variant of Defined by Analysis of Alternative Splice Expression in HPV-Positive Oropharyngeal Cancers. <i>Cancer Research</i> , 2017 , 77, 5248-5258	10.1	26
49	Androgen Deprivation Followed by Acute Androgen Stimulation Selectively Sensitizes AR-Positive Prostate Cancer Cells to Ionizing Radiation. <i>Clinical Cancer Research</i> , 2016 , 22, 3310-3319	12.9	25
48	AIM1 is an actin-binding protein that suppresses cell migration and micrometastatic dissemination. <i>Nature Communications</i> , 2017 , 8, 142	17.4	24

47	Prospective study of genomic hypomethylation of leukocyte DNA and colorectal cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 2014-21	4	24
46	Global 5-Hydroxymethylcytosine Levels Are Profoundly Reduced in Multiple Genitourinary Malignancies. <i>PLoS ONE</i> , 2016 , 11, e0146302	3.7	24
45	Prostate cancer epigenetics and its clinical implications. <i>Asian Journal of Andrology</i> , 2016 , 18, 549-58	2.8	23
44	Androgen-Regulated SPARCL1 in the Tumor Microenvironment Inhibits Metastatic Progression. <i>Cancer Research</i> , 2015 , 75, 4322-34	10.1	19
43	Integrated single-cell and bulk gene expression and ATAC-seq reveals heterogeneity and early changes in pathways associated with resistance to cetuximab in HNSCC-sensitive cell lines. <i>British Journal of Cancer</i> , 2020 , 123, 101-113	8.7	19
42	Prostate Cancer Epigenetics: From Basic Mechanisms to Clinical Implications. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019 , 9,	5.4	19
41	Methylation of the PMEPA1 gene, a negative regulator of the androgen receptor in prostate cancer. <i>Epigenetics</i> , 2014 , 9, 918-27	5.7	19
40	RNA-Seq of the nucleolus reveals abundant SNORD44-derived small RNAs. <i>PLoS ONE</i> , 2014 , 9, e107519	3.7	19
39	Functional characterization of CD4+ T cell receptors crossreactive for SARS-CoV-2 and endemic coronaviruses. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	19
38	CD38 is methylated in prostate cancer and regulates extracellular NAD. <i>Cancer & Metabolism</i> , 2018 , 6, 13	5.4	18
37	Time-Resolved Fluorescence Resonance Energy Transfer Assay for Discovery of Small-Molecule Inhibitors of Methyl-CpG Binding Domain Protein 2. <i>Journal of Biomolecular Screening</i> , 2014 , 19, 1060-9		15
36	Consequences of interleukin 1β-triggered chronic inflammation in the mouse prostate gland: Altered architecture associated with prolonged CD4 infiltration mimics human proliferative inflammatory atrophy. <i>Prostate</i> , 2019 , 79, 732-745	4.2	14
35	Stable knockdown of PASG enhances DNA demethylation but does not accelerate cellular senescence in TIG-7 human fibroblasts. <i>Epigenetics</i> , 2008 , 3, 281-91	5.7	14
34	Metabolic programs define dysfunctional immune responses in severe COVID-19 patients 2020 ,		13
33	Molecular Pathology of High-Grade Prostatic Intraepithelial Neoplasia: Challenges and Opportunities. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019 , 9,	5.4	12
32	Humanizing Eclass glutathione S-transferase regulation in a mouse model alters liver toxicity in response to acetaminophen overdose. <i>PLoS ONE</i> , 2011 , 6, e25707	3.7	12
31	Hypomethylation, endogenous retrovirus expression, and interferon signaling in testicular germ cell tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8580-E8582	11.5	10
30	If this is true, what does it imply? How end-user antibody validation facilitates insights into biology and disease. <i>Asian Journal of Urology</i> , 2019 , 6, 10-25	2.7	9

29	Simultaneous quantitative determination of 5-aza-2Sdeoxycytidine genomic incorporation and DNA demethylation by liquid chromatography tandem mass spectrometry as exposure-response measures of nucleoside analog DNA methyltransferase inhibitors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1022, 38-45	3.2	9
28	Bisulfite-converted duplexes for the strand-specific detection and quantification of rare mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4733-4738	11.5	8
27	An in Situ Atlas of Mitochondrial DNA in Mammalian Tissues Reveals High Content in Stem and Proliferative Compartments. <i>American Journal of Pathology</i> , 2020 , 190, 1565-1579	5.8	8
26	ETS2 is a prostate basal cell marker and is highly expressed in prostate cancers aberrantly expressing p63. <i>Prostate</i> , 2018 , 78, 896-904	4.2	8
25	Dietary chemoprevention of PhIP induced carcinogenesis in male Fischer 344 rats with tomato and broccoli. <i>PLoS ONE</i> , 2013 , 8, e79842	3.7	7
24	A high-throughput screen of pharmacologically active compounds for inhibitors of UHRF1 reveals epigenetic activity of anthracycline derivative chemotherapeutic drugs. <i>Oncotarget</i> , 2019 , 10, 3040-3050 ³⁻³		6
23	Dickkopf-1 Can Lead to Immune Evasion in Metastatic Castration-Resistant Prostate Cancer. <i>JCO Precision Oncology</i> , 2020 , 4,	3.6	6
22	Resistance to androgen receptor signaling inhibition does not necessitate development of neuroendocrine prostate cancer. <i>JCI Insight</i> , 2021 , 6,	9.9	5
21	Lactoferrin CpG Island Hypermethylation and Decoupling of mRNA and Protein Expression in the Early Stages of Prostate Carcinogenesis. <i>American Journal of Pathology</i> , 2019 , 189, 2311-2322	5.8	4
20	Preparation of fragment libraries for next-generation sequencing on the applied biosystems SOLiD platform. <i>Methods in Enzymology</i> , 2013 , 529, 185-200	1.7	4
19	The structure of the nucleus in normal and neoplastic prostate cells: untangling the role of type 2 DNA topoisomerases. <i>American Journal of Clinical and Experimental Urology</i> , 2018 , 6, 107-113	1.6	4
18	Explanatory chapter: next generation sequencing. <i>Methods in Enzymology</i> , 2013 , 529, 201-8	1.7	3
17	GLUTATHIONE S-TRANSFERASE PI (GSTP1) DEFICIENCY ACCELERATES PROSTATE CARCINOGENESIS IN THE LO-MYC MOUSE. <i>Journal of Urology</i> , 2009 , 181, 183-184	2.5	3
16	Androgen Receptor Splice Variants Are Not Substrates of Nonsense-Mediated Decay. <i>Prostate</i> , 2017 , 77, 829-837	4.2	2
15	Pervasive promoter hypermethylation of silenced TERT alleles in human cancers. <i>Cellular Oncology (Dordrecht)</i> , 2020 , 43, 847-861	7.2	2
14	Aiming for the outliers: cancer precision medicine through targeting kinases with extreme expression. <i>Cancer Discovery</i> , 2013 , 3, 252-4	24.4	2
13	Integrated single cell and bulk multi-omics reveals heterogeneity and early changes in pathways associated with cetuximab resistance in HNSCC sensitive cell lines		2
12	Longitudinal measurement of subcutaneous and intratibial human prostate cancer xenograft growth and response to ionizing radiation by plasma Alu and LINE-1 ctDNA: A comparison to standard methods. <i>Prostate</i> , 2021 , 81, 745-753	4.2	2

11	GSTP1 positive prostatic adenocarcinomas are more common in Black than White men in the United States. <i>PLoS ONE</i> , 2021 , 16, e0241934	3.7	2
10	Reciprocal YAP1 loss and INSM1 expression in neuroendocrine prostate cancer. <i>Journal of Pathology</i> , 2021 , 255, 425-437	9.4	2
9	Genome-Wide DNA Methylation Analysis in Cancer Research 2010 , 47-66		2
8	Epigenetic and transcriptional analysis reveals a core transcriptional program conserved in clonal prostate cancer metastases. <i>Molecular Oncology</i> , 2021 , 15, 1942-1955	7.9	1
7	Genomic profiles and clinical outcomes in primary versus secondary metastatic hormone-sensitive prostate cancer. <i>Prostate</i> , 2021 , 81, 572-579	4.2	1
6	Characterization of novel cell lines derived from a MYC-driven murine model of lethal metastatic adenocarcinoma of the prostate. <i>Prostate</i> , 2018 , 78, 992-1000	4.2	1
5	Phenotypic characterization of two novel cell line models of castration-resistant prostate cancer. <i>Prostate</i> , 2021 , 81, 1159-1171	4.2	1
4	Entinostat decreases immune suppression to promote anti-tumor responses in a HER2+ breast tumor microenvironment.. <i>Cancer Immunology Research</i> , 2022 ,	12.5	1
3	Mechanisms, Challenges, and Opportunities in Combined Radiation and Hormonal Therapies. <i>Seminars in Radiation Oncology</i> , 2022 , 32, 76-81	5.5	0
2	Epigenetic Changes in Prostate Cancer 2013 , 169-179		
1	Chemopreventative effects of tomato and broccoli in the PhIP carcinogenesis rat model. <i>FASEB Journal</i> , 2011 , 25, 225.7	0.9	