Suneil Jain

List of Publications by Year
in descending order

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103 papers	7,439 citations	159585 30 h-index	60623 81 g-index
110 all docs	110 docs citations	110 times ranked	10338 citing authors

#	Article	IF	Citations
1	DNA-Repair Defects and Olaparib in Metastatic Prostate Cancer. New England Journal of Medicine, 2015, 373, 1697-1708.	27.0	1,796
2	Long-Term Follow-Up of a Large Active Surveillance Cohort of Patients With Prostate Cancer. Journal of Clinical Oncology, 2015, 33, 272-277.	1.6	985
3	Olaparib in patients with metastatic castration-resistant prostate cancer with DNA repair gene aberrations (TOPARP-B): a multicentre, open-label, randomised, phase 2 trial. Lancet Oncology, The, 2020, 21, 162-174.	10.7	450
4	Cell-Specific Radiosensitization by Gold Nanoparticles at Megavoltage Radiation Energies. International Journal of Radiation Oncology Biology Physics, 2011, 79, 531-539.	0.8	388
5	Intensity-modulated fractionated radiotherapy versus stereotactic body radiotherapy for prostate cancer (PACE-B): acute toxicity findings from an international, randomised, open-label, phase 3, non-inferiority trial. Lancet Oncology, The, 2019, 20, 1531-1543.	10.7	362
6	Biological consequences of nanoscale energy deposition near irradiated heavy atom nanoparticles. Scientific Reports, 2011, 1, 18.	3.3	335
7	Active Surveillance for the Management of Localized Prostate Cancer (Cancer Care Ontario) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Clinical Oncology, 2016, 34, 2182-2190.	1.6	285
8	Evaluation of cytotoxicity and radiation enhancement using 1.9 nm gold particles: potential application for cancer therapy. Nanotechnology, 2010, 21, 295101.	2.6	194
9	UK Consensus on Normal Tissue Dose Constraints for Stereotactic Radiotherapy. Clinical Oncology, 2018, 30, 5-14.	1.4	191
10	Genomics of lethal prostate cancer at diagnosis and castration resistance. Journal of Clinical Investigation, 2020, 130, 1743-1751.	8.2	180
11	Nanodosimetric effects of gold nanoparticles in megavoltage radiation therapy. Radiotherapy and Oncology, 2011, 100, 412-416.	0.6	174
12	Radiotherapy in the presence of contrast agents: a general figure of merit and its application to gold nanoparticles. Physics in Medicine and Biology, 2008, 53, 5635-5651.	3.0	173
13	Active Surveillance for Intermediate Risk Prostate Cancer: Survival Outcomes in the Sunnybrook Experience. Journal of Urology, 2016, 196, 1651-1658.	0.4	157
14	Prostate stereotactic ablative body radiotherapy using a standard linear accelerator: Toxicity, biochemical, and pathological outcomes. Radiotherapy and Oncology, 2013, 107, 153-158.	0.6	156
15	Cell type-dependent uptake, localization, and cytotoxicity of 1.9 nm gold nanoparticles. International Journal of Nanomedicine, 2012, 7, 2673.	6.7	150
16	Development and Validation of a 28-gene Hypoxia-related Prognostic Signature for Localized Prostate Cancer. EBioMedicine, 2018, 31, 182-189.	6.1	132
17	Imaging and radiation effects of gold nanoparticles in tumour cells. Scientific Reports, 2016, 6, 19442.	3.3	111
18	Optimum Imaging Strategies for Advanced Prostate Cancer: ASCO Guideline. Journal of Clinical Oncology, 2020, 38, 1963-1996.	1.6	107

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19	Benefits and Risks of Primary Treatments for High-risk Localized and Locally Advanced Prostate Cancer: An International Multidisciplinary Systematic Review. European Urology, 2020, 77, 614-627.	1.9	101
20	Validation of a Metastatic Assay using biopsies to improve risk stratification in patients with prostate cancer treated with radical radiation therapy. Annals of Oncology, 2018, 29, 215-222.	1.2	86
21	Gold nanoparticle cellular uptake, toxicity and radiosensitisation in hypoxic conditions. Radiotherapy and Oncology, 2014, 110, 342-347.	0.6	72
22	Gleason Upgrading with Time in a Large Prostate Cancer Active Surveillance Cohort. Journal of Urology, 2015, 194, 79-84.	0.4	68
23	Fiducial marker guided prostate radiotherapy: a review. British Journal of Radiology, 2016, 89, 20160296.	2.2	68
24	Stereotactic Ablative Radiation Therapy for Pulmonary Metastases: Histology, Dose, and Indication Matter. International Journal of Radiation Oncology Biology Physics, 2017, 98, 419-427.	0.8	52
25	Energy Dependence of Gold Nanoparticle Radiosensitization in Plasmid DNA. Journal of Physical Chemistry C, 2011, 115, 20160-20167.	3.1	50
26	Evaluation of a Machine-Learning Algorithm for Treatment Planning in Prostate Low-Dose-Rate Brachytherapy. International Journal of Radiation Oncology Biology Physics, 2017, 97, 822-829.	0.8	50
27	An evaluation of techniques for dose calculation on cone beam computed tomography. British Journal of Radiology, 2019, 92, 20180383.	2.2	49
28	Computed Tomography-based Radiomics for Risk Stratification in Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, 448-456.	0.8	41
29	Lung stereotactic body radiation therapy (SBRT) delivered over 4 or 11days: A comparison of acute toxicity and quality of life. Radiotherapy and Oncology, 2013, 108, 320-325.	0.6	39
30	TOPARP-B: A phase II randomized trial of the poly(ADP)-ribose polymerase (PARP) inhibitor olaparib for metastatic castration resistant prostate cancers (mCRPC) with DNA damage repair (DDR) alterations.. Journal of Clinical Oncology, 2019, 37, 5005-5005.	1.6	35
31	miR-191 promotes radiation resistance of prostate cancer through interaction with RXRA. Cancer Letters, 2020, 473, 107-117.	7.2	33
32	The effect of radiation technique and bladder filling on the acute toxicity of pelvic radiotherapy for localized high risk prostate cancer. Radiotherapy and Oncology, 2012, 105, 193-197.	0.6	26
33	A comparison between accelerated hypofractionation and stereotactic ablative radiotherapy (SABR) for early-stage non-small cell lung cancer (NSCLC): Results of a propensity score-matched analysis. Radiotherapy and Oncology, 2016, 118, 478-484.	0.6	22
34	The Risk of Cardiovascular Disease in Prostate Cancer Patients Receiving Androgen Deprivation Therapies. Epidemiology, 2020, 31, 432-440.	2.7	22
35	PACE: Analysis of acute toxicity in PACE-B, an international phase III randomized controlled trial comparing stereotactic body radiotherapy (SBRT) to conventionally fractionated or moderately hypofractionated external beam radiotherapy (CFMHRT) for localized prostate cancer (LPCa).. Journal of Clinical Oncology, 2019, 37, 1-1.	1.6	18
36	Cellular signalling effects in high precision radiotherapy. Physics in Medicine and Biology, 2015, 60, 4551-4564.	3.0	15

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37	The Movember Prostate Cancer Landscape Analysis: an assessment of unmet research needs. Nature Reviews Urology, 2020, 17, 499-512.	3.8	15
38	Murine models of radiation cardiotoxicity: A systematic review and recommendations for future studies. Radiotherapy and Oncology, 2022, 173, 19-31.	0.6	15
39	Fiducial markers visibility and artefacts in prostate cancer radiotherapy multi-modality imaging. Radiation Oncology, 2019, 14, 237.	2.7	13
40	An overview of current practice in external beam radiation oncology with consideration to potential benefits and challenges for nanotechnology. Cancer Nanotechnology, 2017, 8, 3.	3.7	12
41	Active Surveillance for the Management of Localized Prostate Cancer (Cancer Care Ontario) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Journal of Oncology Practice, 2016, 12, 267-269.	2.5	11
42	Efficacy of a rectal spacer with prostate SABRâ€"first UK experience. British Journal of Radiology, 2018, 91, 20170672.	2.2	11
43	Prostate cancer radiotherapy: potential applications of metal nanoparticles for imaging and therapy. British Journal of Radiology, 2015, 88, 20150256.	2.2	10
44	Class solutions for SABR-VMAT for high-risk prostate cancer with and without elective nodal irradiation. Radiation Oncology, 2016, 11, 155.	2.7	9
45	A novel CBCT-based method for derivation of CTV-PTV margins for prostate and pelvic lymph nodes treated with stereotactic ablative radiotherapy. Radiation Oncology, 2017, 12, 124.	2.7	9
46	Stereotactic Body Radiation Therapy Boost for Intermediate-Risk Prostate Cancer: A Phase 1 Dose-Escalation Study. International Journal of Radiation Oncology Biology Physics, 2019, 104, 1066-1073.	0.8	9
47	Mini review: Personalization of the radiation therapy management of prostate cancer using MRI-based radiomics. Cancer Letters, 2021, 498, 210-216.	7.2	9
48	Modulating the unfolded protein response with ONC201 to impact on radiation response in prostate cancer cells. Scientific Reports, 2021, 11, 4252.	3.3	9
49	Exercise for advanced prostate cancer: a multicomponent, feasibility, trial protocol for men with metastatic castrate-resistant prostate cancer (EXACT). Pilot and Feasibility Studies, 2019, 5, 102.	1.2	8
50	Clinical and functional characterization of CXCR1/CXCR2 biology in the relapse and radiotherapy resistance of primary PTEN-deficient prostate carcinoma. NAR Cancer, 2020, 2, zcaa012.	3.1	8
51	Investigating Radiotherapy Response in a Novel Syngeneic Model of Prostate Cancer. Cancers, 2020, 12, 2804.	3.7	8
52	3D-printed patient-specific pelvis phantom for dosimetry measurements for prostate stereotactic radiotherapy with dominant intraprostatic lesion boost. Physica Medica, 2021, 92, 8-14.	0.7	8
53	UK & Ireland Prostate Brachytherapy Practice Survey 2014-2016. Journal of Contemporary Brachytherapy, 2018, 10, 238-245.	0.9	7
54	Sector analysis to provide additional spatial information on the permanent prostate brachytherapy learning curve.. Journal of Clinical Oncology, 2015, 33, 93-93.	1.6	7

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55	Prostate cancer treated with brachytherapy; an exploratory study of dose-dependent biomarkers and quality of life. Radiation Oncology, 2017, 12, 53.	2.7	6
56	Development of a conceptual framework to improve sexual wellbeing communication in routine prostate cancer care. Patient Education and Counseling, 2020, 103, 1150-1160.	2.2	6
57	Prostate cancer androgen receptor splice variant 7 biomarker study - a multicentre randomised feasibility trial of biomarker-guided personalised treatment in patients with advanced prostate cancer (the VARIANT trial) study protocol. BMJ Open, 2019, 9, e034708.	1.9	6
58	Conventional in vivo irradiation procedures are insufficient to accurately determine tumor responses to non-uniform radiation fields. International Journal of Radiation Biology, 2015, 91, 257-261.	1.8	5
59	Observed high incidence of prostatic calculi with the potential to act as natural fiducials for prostate image guided radiotherapy. Technical Innovations and Patient Support in Radiation Oncology, 2019, 9, 35-40.	1.9	5
60	Toxicity and Efficacy of Concurrent Androgen Deprivation Therapy, Pelvic Radiotherapy, and Radium-223 in Patients with De Novo Metastatic Hormone-Sensitive Prostate Cancer. Clinical Cancer Research, 2021, 27, 4549-4556.	7.0	5
61	Genomic profiling of primary prostate tumors from patients who develop metastatic castration-resistant prostate cancer (mCRPC).. Journal of Clinical Oncology, 2018, 36, 5013-5013.	1.6	5
62	TRUFU: Therapeutic radiographer undertaking follow up for prostate cancer patients. Radiography, 2018, 24, 298-303.	2.1	4
63	Hormone therapy use and the risk of acute kidney injury in patients with prostate cancer: a population-based cohort study. Prostate Cancer and Prostatic Diseases, 2021, 24, 1055-1062.	3.9	4
64	Effects of a Brief E-Learning Resource on Sexual Attitudes and Beliefs of Healthcare Professionals Working in Prostate Cancer Care: A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 10045.	2.6	4
65	Cautionary tale of active surveillance in intermediate-risk patients: Overall and cause-specific survival in the Sunnybrook experience.. Journal of Clinical Oncology, 2015, 33, 163-163.	1.6	4
66	Management of Bartholinâ€™s gland carcinoma using high-dose-rate interstitial brachytherapy boost. Brachytherapy, 2013, 12, 500-507.	0.5	3
67	A pilot study of patient reported outcomes evaluating treatment related symptoms and quality of life for men receiving high dose rate brachytherapy combined with hypo-fractionated radiotherapy or hypo-fractionated radiotherapy alone for the treatment of localised prostate cancer. Technical Innovations and Patient Support in Radiation Oncology, 2019, 9, 18-25.	1.9	3
68	Efficacy, Use, and Acceptability of a Web-Based Self-management Intervention Designed to Maximize Sexual Well-being in Men Living With Prostate Cancer: Single-Arm Experimental Study. Journal of Medical Internet Research, 2021, 23, e21502.	4.3	3
69	The Tablet-Based, Engagement, Assessment, Support, and Sign-Posting (EASSi) Tool for Facilitating and Structuring Sexual Well-Being Conversations in Routine Prostate Cancer Care: Mixed-Methods Study. JMIR Cancer, 2020, 6, e20137.	2.4	3
70	Sector analysis provides additional spatial information on the permanent prostate brachytherapy learning curve. Brachytherapy, 2015, 14, 703-710.	0.5	2
71	The stereotactic prostate radiotherapy (SPORT) trial: A randomized feasibility study comparing prostate SABR to prostate and pelvic nodal SABR.. Journal of Clinical Oncology, 2021, 39, 248-248.	1.6	2
72	Gleason upgrading with time in a large, active surveillance cohort with long-term follow-up.. Journal of Clinical Oncology, 2013, 31, 1-1.	1.6	2

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73	Association of changes in circulating cell-free plasma DNA (cfDNA) and circulating tumor cells (CTC) during treatment with clinical outcome from olaparib in castration-resistant prostate cancer (CRPC): Exploratory analyses from the TOPARP-A trial.. Journal of Clinical Oncology, 2017, 35, 141-141.	1.6	2
74	Prostate cancer androgen receptor splice variant 7 biomarker study - a multicentre randomised feasibility trial of biomarker-guided personalised treatment in patients with advanced prostate cancer (the VARIANT trial) study protocol. BMJ Open, 2019, 9, e034708.	1.9	2
75	SPORT high-risk trial: A randomised feasibility study evaluating stereotactic prostate radiotherapy in high-risk localised prostate cancer with or without elective nodal irradiation. European Journal of Surgical Oncology, 2016, 42, S235.	1.0	1
76	Evaluation of a Machine-Learning Algorithm for Treatment Planning in Prostate Low-Dose-Rate Brachytherapy. Brachytherapy, 2017, 16, S36-S37.	0.5	1
77	Managing cardiovascular risk in highâ€risk prostate cancer. Trends in Urology & Men's Health, 2017, 8, 13-18.	0.4	1
78	Rectal spacers in patients with prostate cancer undergoing radiotherapy: A survey of UK uroâ€oncologists. International Journal of Clinical Practice, 2021, 75, e14338.	1.7	1
79	A metastatic biology gene expression assay to predict the risk of distant metastases in patients with localized prostate cancer treated with primary radical treatment.. Journal of Clinical Oncology, 2017, 35, 11-11.	1.6	1
80	CASPIR trial: Using prostatic calculi as an alternative to fiducial markers for IGRT in for localized prostate cancer.. Journal of Clinical Oncology, 2018, 36, 60-60.	1.6	1
81	Biochemical, pathologic, toxicity, and quality-of-life outcomes in a five-fraction hypofractionated accelerated radiotherapy treatment using standard linear accelerators and gold seed fiducials.. Journal of Clinical Oncology, 2012, 30, 186-186.	1.6	1
82	Reply to J.J. Tosoian et al. Journal of Clinical Oncology, 2016, 34, 4453-4453.	1.6	0
83	Impact and practical aspects of rectal spacer insertion for prostate stereotactic radiotherapy â€“ First UK experience. European Journal of Surgical Oncology, 2017, 43, 2231.	1.0	0
84	Impact and practical aspects of rectal spacer insertion for prostate stereotactic radiotherapyâ€“first UK experience. European Journal of Surgical Oncology, 2018, 44, S34.	1.0	0
85	The Effect of Bilateral Treatment Plan Symmetry on Postoperative Dosimetric Outcomes in Prostate Low-Dose-Rate Brachytherapy: A Single-Institution Study. Brachytherapy, 2018, 17, S83.	0.5	0
86	Automated Bone Scan Index (aBSI) as an Imaging Biomarker in Castration Sensitive Metastatic Prostate Cancer in a novel clinical trial with Radium-223 and External Beam Radiotherapy. Journal of Medical Imaging and Radiation Sciences, 2019, 50, S26.	0.3	0
87	Automated Bone Scan Index (aBSI) as an Imaging Biomarker in Castration Sensitive Metastatic Prostate Cancer in a novel clinical trial with Radium-223 and External Beam Radiotherapy. Journal of Medical Imaging and Radiation Sciences, 2019, 50, S96.	0.3	0
88	Prostate cancer heterogeneity assessment with multi-regional sampling and alignment-free methods. NAR Genomics and Bioinformatics, 2020, 2, lqaa062.	3.2	0
89	A novel artefacts removal technique for prostate CT-based radiomics analysis. Physica Medica, 2021, 84, 299.	0.7	0
90	Brachytherapy Boost in Prostate Cancer: What Does Observational Data Add to the Debate?. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1230-1231.	0.8	0

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91	Abstract 162: Cholesterol metabolism gene expression and prostate cancer-specific outcomes in radiotherapy-treated patients. , 2021, , .		0
92	Comparison of acute toxicity in patients treated with a 4-field box or IMRT to deliver elective pelvic nodal irradiation for localized high-risk prostate cancer.. Journal of Clinical Oncology, 2012, 30, 69-69.	1.6	0
93	A sector-based postimplant dosimetric comparison of sagittal and axial ultrasound-guided source placement during I-125 permanent prostate brachytherapy.. Journal of Clinical Oncology, 2014, 32, 262-262.	1.6	0
94	Comparison of active surveillance with other treatment options for low-risk prostate cancer.. Journal of Clinical Oncology, 2015, 33, 178-178.	1.6	0
95	A metastatic biology gene expression assay to predict the risk of distant metastases in patients with localized prostate cancer treated with primary radical treatment.. Journal of Clinical Oncology, 2017, 2017, 11-11.	1.6	0
96	Hypoxia related mRNA biomarker to predict biochemical failure and metastasis for prostate cancer.. Journal of Clinical Oncology, 2018, 36, 5-5.	1.6	0
97	Changing trends in prostate brachytherapy practice for clinically localized prostate cancer: Results of a survey in UK and Ireland.. Journal of Clinical Oncology, 2018, 36, 16-16.	1.6	0
98	Abstract 290: Integrative analytics: A framework for precision medicine. , 2018, , .		0
99	Abstract B035: Radio-resistance of PTEN-deficient prostate tumors is enhanced by treatment-induced chemokine signaling and is associated with biochemical recurrence and development of metastasis. , 2018, , .		0
100	Plasma citrulline levels as a biomarker for bowel toxicity in prostate stereotactic radiotherapy with or without pelvic nodal radiation.. Journal of Clinical Oncology, 2019, 37, 73-73.	1.6	0
101	Toxicity results from a novel phase I/II trial of VMAT radiotherapy to prostate and pelvic nodes plus six cycles of radium-223 in mCSPC metastatic to bone post ADT and docetaxel.. Journal of Clinical Oncology, 2019, 37, 196-196.	1.6	0
102	Results of the ADRRAD Trial of pelvic IMRT plus radium-223 in men with mHSPC metastatic to bone.. Journal of Clinical Oncology, 2020, 38, 136-136.	1.6	0
103	Simultaneous integrated boost (SIB) to dominant intra-prostatic lesions during extreme hypofractionation for prostate cancer: the impact of rectal spacers. Radiation Oncology, 2022, 17, 38.	2.7	0