

# Shruti Jolly

## List of Publications by Year in descending order

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87  
papers

3,002  
citations

201674

27  
h-index

175258

52  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adrenocortical Carcinoma. <i>Endocrine Reviews</i> , 2014, 35, 282-326.	20.1	671
2	Cardiac Events After Radiation Therapy: Combined Analysis of Prospective Multicenter Trials for Locally Advanced Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 1395-1402.	1.6	283
3	Adjuvant Therapies and Patient and Tumor Characteristics Associated With Survival of Adult Patients With Adrenocortical Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 455-461.	3.6	159
4	Stereotactic Body Radiotherapy for Early-Stage Non-Small-Cell Lung Cancer: American Society of Clinical Oncology Endorsement of the American Society for Radiation Oncology Evidence-Based Guideline. <i>Journal of Clinical Oncology</i> , 2018, 36, 710-719.	1.6	127
5	Isolation and Profiling of Circulating Tumor-Associated Exosomes Using Extracellular Vesicular Lipid-Protein Binding Affinity Based Microfluidic Device. <i>Small</i> , 2019, 15, e1903600.	10.0	106
6	Developing and Validating a Survival Prediction Model for NSCLC Patients Through Distributed Learning Across 3 Countries. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 344-352.	0.8	102
7	The impact of age on long-term outcome in patients with endometrial cancer treated with postoperative radiation. <i>Gynecologic Oncology</i> , 2006, 103, 87-93.	1.4	76
8	Vaginal brachytherapy alone: An alternative to adjuvant whole pelvis radiation for early stage endometrial cancer. <i>Gynecologic Oncology</i> , 2005, 97, 887-892.	1.4	71
9	Adjuvant Radiation Therapy Improves Local Control After Surgical Resection in Patients With Localized Adrenocortical Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 252-259.	0.8	61
10	The big data effort in radiation oncology: Data mining or data farming?. <i>Advances in Radiation Oncology</i> , 2016, 1, 260-271.	1.2	58
11	IDO Immune Status after Chemoradiation May Predict Survival in Lung Cancer Patients. <i>Cancer Research</i> , 2018, 78, 809-816.	0.9	57
12	Clinical and Genomic Implications of Luminal and Basal Subtypes Across Carcinomas. <i>Clinical Cancer Research</i> , 2019, 25, 2450-2457.	7.0	52
13	Characterization of changes in total body composition for patients with head and neck cancer undergoing chemoradiotherapy using dual-energy x-ray absorptiometry. <i>Head and Neck</i> , 2013, 36, n/a-n/a.	2.0	50
14	Unraveling biophysical interactions of radiation pneumonitis in non-small-cell lung cancer via Bayesian network analysis. <i>Radiotherapy and Oncology</i> , 2017, 123, 85-92.	0.6	50
15	Patient-reported financial toxicity and adverse medical consequences in head and neck cancer. <i>Oral Oncology</i> , 2020, 101, 104521.	1.5	48
16	Longitudinal patterns of recurrence in patients with adrenocortical carcinoma. <i>Surgery</i> , 2019, 165, 186-195.	1.9	47
17	A multiobjective Bayesian networks approach for joint prediction of tumor local control and radiation pneumonitis in non-small-cell lung cancer (NSCLC) for response-adapted radiotherapy. <i>Medical Physics</i> , 2018, 45, 3980-3995.	3.0	43
18	Development of a Fully Cross-Validated Bayesian Network Approach for Local Control Prediction in Lung Cancer. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 232-241.	3.7	42

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19	Maintaining physical activity during head and neck cancer treatment: Results of a pilot controlled trial. <i>Head and Neck</i> , 2016, 38, E1086-96.	2.0	41
20	Big Data in Designing Clinical Trials: Opportunities and Challenges. <i>Frontiers in Oncology</i> , 2017, 7, 187.	2.8	36
21	A prediction model for early death in non-small cell lung cancer patients following curative-intent chemoradiotherapy. <i>Acta Oncol</i> , 2018, 57, 226-230.	1.8	35
22	Adjuvant Radiation Improves Recurrence-Free Survival and Overall Survival in Adrenocortical Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3743-3750.	3.6	35
23	The impact of lobular carcinoma in situ in association with invasive breast cancer on the rate of local recurrence in patients with early-stage breast cancer treated with breast-conserving therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 365-371.	0.8	32
24	Obstructive Sleep Apnea and Fatigue in Head and Neck Cancer Patients. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2015, 38, 411-414.	1.3	32
25	Extracellular vesicles on demand (EVOD) chip for screening and quantification of cancer-associated extracellular vesicles. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112535.	10.1	32
26	Radiation-Induced Insufficiency Fractures After Pelvic Irradiation for Gynecologic Malignancies: A Systematic Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 620-634.	0.8	30
27	Intermediate Endpoints After Postprostatectomy Radiotherapy: 5-Year Distant Metastasis to Predict Overall Survival. <i>European Urology</i> , 2018, 74, 413-419.	1.9	29
28	A Phase 1 Trial Assessing the Safety and Tolerability of a Therapeutic DNA Vaccination Against HPV16 and HPV18 E6/E7 Oncogenes After Chemoradiation for Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 487-498.	0.8	29
29	Serum MicroRNA Signature Predicts Response to High-Dose Radiation Therapy in Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 107-114.	0.8	28
30	Modern Radiation Further Improves Survival in Non-Small Cell Lung Cancer: An Analysis of 288,670 Patients. <i>Journal of Cancer</i> , 2019, 10, 168-177.	2.5	26
31	MRI-Based Evaluation of the Vaginal Cuff in Brachytherapy Planning: Are We Missing the Target?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 743-750.	0.8	25
32	Circulating microRNAs as biomarkers of radiation-induced cardiac toxicity in non-small-cell lung cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1635-1643.	2.5	24
33	Clinical review of physical activity and functional considerations in head and neck cancer patients. <i>Supportive Care in Cancer</i> , 2013, 21, 1475-1479.	2.2	23
34	Predictors of Pneumonitis After Conventionally Fractionated Radiotherapy for Locally Advanced Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1176-1185.	0.8	21
35	Dosimetric predictors for acute esophagitis during radiation therapy for lung cancer: Results of a large statewide observational study. <i>Practical Radiation Oncology</i> , 2018, 8, 167-173.	2.1	19
36	Gynecologic radiation oncology patients report unmet needs regarding sexual health communication with providers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 495-502.	2.5	19

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37	A Validation Study on IDO Immune Biomarkers for Survival Prediction in Non-Small Cell Lung Cancer: Radiation Dose Fractionation Effect in Early-Stage Disease. <i>Clinical Cancer Research</i> , 2020, 26, 282-289.	7.0	19
38	Variation in care in concurrent chemotherapy administration during radiation for locally advanced cervical cancer. <i>Gynecologic Oncology</i> , 2016, 142, 286-292.	1.4	18
39	Functional Adaptation in Radiation Therapy. <i>Seminars in Radiation Oncology</i> , 2019, 29, 236-244.	2.2	18
40	Contemporary Statewide Practice Pattern Assessment of the Palliative Treatment of Bone Metastasis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 462-467.	0.8	16
41	Machine Learning to Build and Validate a Model for Radiation Pneumonitis Prediction in Patients with Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 4343-4350.	7.0	16
42	Single or multi-channel vaginal cuff high-dose-rate brachytherapy: Is replanning necessary prior to each fraction?. <i>Practical Radiation Oncology</i> , 2014, 4, 20-26.	2.1	15
43	Multiplex isolation and profiling of extracellular vesicles using a microfluidic DICE device. <i>Analyst</i> , 2019, 144, 5785-5793.	3.5	15
44	Radiation-induced lung toxicity in non-small-cell lung cancer: Understanding the interactions of clinical factors and cytokines with the dose-toxicity relationship. <i>Radiotherapy and Oncology</i> , 2017, 125, 66-72.	0.6	14
45	A Multi-Institutional Analysis of Adjuvant Chemotherapy and Radiation Sequence in Women With Stage IIC Endometrial Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1423-1431.	0.8	14
46	Investigating the clinical significance of body composition changes in patients undergoing chemoradiation for oropharyngeal cancer using analytic morphomics. <i>SpringerPlus</i> , 2016, 5, 429.	1.2	13
47	Deformable image registration-based contour propagation yields clinically acceptable plans for MRI-based cervical cancer brachytherapy planning. <i>Brachytherapy</i> , 2018, 17, 360-367.	0.5	13
48	A Pilot Study of Atezolizumab Plus Hypofractionated Image Guided Radiation Therapy for the Treatment of Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 170-177.	0.8	13
49	Lower Incidence of Esophagitis in the Elderly Undergoing Definitive Radiation Therapy for Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, 539-546.	1.1	12
50	Cardiac Dose in Locally Advanced Lung Cancer: Results From a Statewide Consortium. <i>Practical Radiation Oncology</i> , 2020, 10, e27-e36.	2.1	12
51	Priority-driven plan optimization in locally advanced lung patients based on perfusion SPECT imaging. <i>Advances in Radiation Oncology</i> , 2016, 1, 281-289.	1.2	10
52	Prediction of Radiation Esophagitis in Non-Small Cell Lung Cancer Using Clinical Factors, Dosimetric Parameters, and Pretreatment Cytokine Levels. <i>Translational Oncology</i> , 2018, 11, 102-108.	3.7	10
53	Recommendations for Single-Fraction Radiation Therapy and Stereotactic Body Radiation Therapy in Palliative Treatment of Bone Metastases: A Statewide Practice Patterns Survey. <i>Practical Radiation Oncology</i> , 2019, 9, e541-e548.	2.1	10
54	Mapping lung ventilation through stress maps derived from biomechanical models of the lung. <i>Medical Physics</i> , 2021, 48, 715-723.	3.0	9

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55	A situational awareness Bayesian network approach for accurate and credible personalized adaptive radiotherapy outcomes prediction in lung cancer patients. <i>Physica Medica</i> , 2021, 87, 11-23.	0.7	9
56	The dosimetric impact of single, dual, and triple tandem applicators in the treatment of intact uterine cancer. <i>Brachytherapy</i> , 2014, 13, 268-274.	0.5	8
57	The current state of randomized clinical trial evidence for prostate brachytherapy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 599-610.	1.6	8
58	Central Airway Toxicity After High Dose Radiation: A Combined Analysis of Prospective Clinical Trials for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 587-596.	0.8	8
59	Integrative Oncology Education: An Emerging Competency for Oncology Providers. <i>Current Oncology</i> , 2021, 28, 853-862.	2.2	8
60	Clinical implementation of MR-guided vaginal cylinder brachytherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 490-500.	1.9	7
61	Pretreatment serum xanthophyll concentrations as predictors of head and neck cancer recurrence and survival. <i>Head and Neck</i> , 2016, 38, E1591-7.	2.0	7
62	Patient-Reported Sexual Aid Utilization and Efficacy After Radiation Therapy for Localized Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 376-386.	0.8	7
63	Interstitial High-Dose-Rate Gynecologic Brachytherapy: Clinical Workflow Experience From Three Academic Institutions. <i>Seminars in Radiation Oncology</i> , 2020, 30, 29-38.	2.2	7
64	Weighted-Support Vector Machine Learning Classifier of Circulating Cytokine Biomarkers to Predict Radiation-Induced Lung Fibrosis in Non-Small-Cell Lung Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 601979.	2.8	7
65	Association Between Physician- and Patient-Reported Symptoms in Patients Treated With Definitive Radiation Therapy for Locally Advanced Lung Cancer in a Statewide Consortium. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 942-950.	0.8	7
66	Improving Global Outcomes in Cervical Cancer: The Time Has Come for International Federation of Gynecology and Obstetrics Staging to Formally Incorporate Advanced Imaging. <i>Journal of Global Oncology</i> , 2018, 4, 1-6.	0.5	6
67	Paired phase II trials evaluating cetuximab and radiotherapy for low risk HPV associated oropharyngeal cancer and locoregionally advanced squamous cell carcinoma of the head and neck in patients not eligible for cisplatin. <i>Head and Neck</i> , 2020, 42, 1728-1737.	2.0	6
68	Improved prediction of radiation pneumonitis by combining biological and radiobiological parameters using a data-driven Bayesian network analysis. <i>Translational Oncology</i> , 2022, 21, 101428.	3.7	6
69	Primary peritoneal clear cell carcinoma treated with IMRT and interstitial HDR brachytherapy: a case report. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 202-212.	1.9	5
70	Modeling Patient-Specific Dose-Function Response for Enhanced Characterization of Personalized Functional Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1265-1275.	0.8	5
71	Development of a brachytherapy audit checklist tool. <i>Brachytherapy</i> , 2015, 14, 963-969.	0.5	4
72	Contemporary Practice Patterns for Palliative Radiation Therapy of Bone Metastases: Impact of a Quality Improvement Project on Extended Fractionation. <i>Practical Radiation Oncology</i> , 2021, 11, e498-e505.	2.1	4

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73	In Reply to Rovirosa and Herreros. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1318.	0.8	3
74	A utility approach to individualized optimal dose selection using biomarkers. Biometrical Journal, 2020, 62, 386-397.	1.0	3
75	Investigating the SPECT Dose-Function Metrics Associated With Radiation-Induced Lung Toxicity Risk in Patients With Non-small Cell Lung Cancer Undergoing Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100666.	1.2	3
76	Particle Beam Therapy for Cardiac-Sparing Radiotherapy in Non-Small Cell Lung Cancer. Seminars in Radiation Oncology, 2021, 31, 112-119.	2.2	2
77	Effect of Education and Standardization of Cardiac Dose Constraints on Heart Dose in Patients With Lung Cancer Receiving Definitive Radiation Therapy Across a Statewide Consortium. Practical Radiation Oncology, 2022, 12, e376-e381.	2.1	2
78	Dosimetric impact of interfractional organs at risk variation during high-dose rate interstitial brachytherapy for gynecologic malignancies. Medical Dosimetry, 2019, 44, 239-244.	0.9	1
79	Significance of radiation esophagitis: Conditional survival assessment in patients with non-small cell lung cancer. Journal of the National Cancer Center, 2021, 1, 31-38.	7.4	1
80	Feasibility of function-guided lung treatment planning with parametric response mapping. Journal of Applied Clinical Medical Physics, 2021, 22, 80-89.	1.9	1
81	Does Prophylactic Paraortic Lymph Node Irradiation Improve Outcomes in Women With Stage IIIC1 Endometrial Carcinoma?. Practical Radiation Oncology, 2022, 12, e123-e134.	2.1	1
82	In Reply to Purushothaman et al. International Journal of Radiation Oncology Biology Physics, 2015, 93, 465-466.	0.8	0
83	In Reply to Hasan et al. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1391-1392.	0.8	0
84	Use and Outcomes of SBRT for Early Stage NSCLC Without Pathologic Confirmation in the Veterans Health Care Administration. Advances in Radiation Oncology, 2021, 6, 100707.	1.2	0
85	CT and MRI Simulation for Radiation Planning. Practical Guides in Radiation Oncology, 2019, , 1-22.	0.1	0
86	Racial Differences in Treatments and Toxicity in Patients With Non-Small-Cell Lung Cancer Treated With Thoracic Radiation Therapy. JCO Oncology Practice, 2022, , OP2100224.	2.9	0
87	External beam management of stage I and II uterine cancer. International Journal of Gynecological Cancer, 2022, 32, 297-303.	2.5	0