

# Poonam Yadav

## List of Publications by Year in Descending Order

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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.

41  
papers

294  
citations

11  
h-index

15  
g-index

49  
ext. papers

458  
ext. citations

2.9  
avg, IF

3.78  
L-index

#	Paper	IF	Citations
41	Transferability of patients for radiation treatment between unmatched machines.. <i>Journal of Applied Clinical Medical Physics</i> , <b>2022</b> , e13544	2.3	1
40	A Predictive Model of 2yDFS During MR-Guided RT Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer Patients.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 831712	5.3	0
39	Dosimetric evaluation of high-Z inhomogeneity used for hip prosthesis: A multi-institutional collaborative study.. <i>Physica Medica</i> , <b>2022</b> , 95, 148-155	2.7	1
38	Defining high-risk elective contralateral neck radiation volumes for oropharynx cancer. <i>Head and Neck</i> , <b>2021</b> ,	4.2	1
37	A clinical validation of the MR-compatible Delta QA system in a 0.35 tesla MR linear accelerator. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 22, 82-91	2.3	1
36	Development and evaluation of a GEANT4-based Monte Carlo Model of a 0.35 T MR-guided radiation therapy (MRgRT) linear accelerator. <i>Medical Physics</i> , <b>2021</b> , 48, 1967-1982	4.4	2
35	Delta radiomics for rectal cancer response prediction using low field magnetic resonance guided radiotherapy: an external validation. <i>Physica Medica</i> , <b>2021</b> , 84, 186-191	2.7	13
34	In Silico Single-Fraction Stereotactic Ablative Radiation Therapy for the Treatment of Thoracic and Abdominal Oligometastatic Disease With Online Adaptive Magnetic Resonance Guidance. <i>Advances in Radiation Oncology</i> , <b>2021</b> , 6, 100652	3.3	0
33	Improved Ipsilateral Breast and Chest Wall Sparing With MR-Guided 3-fraction Accelerated Partial Breast Irradiation: A Dosimetric Study Comparing MR-Linac and CT-Linac Plans. <i>Advances in Radiation Oncology</i> , <b>2021</b> , 6, 100654	3.3	1
32	Artificial Intelligence in magnetic Resonance guided Radiotherapy: Medical and physical considerations on state of art and future perspectives. <i>Physica Medica</i> , <b>2021</b> , 85, 175-191	2.7	16
31	Diagnostic Performance of MRI for Esophageal Carcinoma: A Systematic Review and Meta-Analysis. <i>Radiology</i> , <b>2021</b> , 299, 583-594	20.5	4
30	Combined Immunotherapy and Stereotactic Radiotherapy Improves Neurologic Outcomes in Patients with Non-small-cell Lung Cancer Brain Metastases. <i>Clinical Lung Cancer</i> , <b>2021</b> , 22, 110-119	4.9	9
29	Reduction of cardiac dose using respiratory-gated MR-linac plans for gastro-esophageal junction cancer. <i>Medical Dosimetry</i> , <b>2021</b> , 46, 152-156	1.3	4
28	Evaluating dose constraints for radiation induced liver damage following magnetic resonance image guided Stereotactic Body radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , <b>2021</b> , 17, 91-94 <sup>3.1</sup>	3.1	1
27	Potential dose variability for small-field plans delivered with Elekta Agility collimators. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 22, 203-204	2.3	2
26	Synthetic Computed Tomography Generation from 0.35T Magnetic Resonance Images for Magnetic Resonance-Only Radiation Therapy Planning Using Perceptual Loss Models. <i>Practical Radiation Oncology</i> , <b>2021</b> ,	2.8	1
25	Combining Stereotactic Body Radiotherapy and Microwave Ablation Appears Safe and Feasible for Renal Cell Carcinoma in an Early Series. <i>Clinical Genitourinary Cancer</i> , <b>2021</b> , 19, e313-e318	3.3	0

24	Delta Radiomics Analysis for Local Control Prediction in Pancreatic Cancer Patients Treated Using Magnetic Resonance Guided Radiotherapy. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	13
23	MOSFET dosimeter characterization in MR-guided radiation therapy (MRgRT) Linac. <i>Journal of Applied Clinical Medical Physics</i> , <b>2020</b> , 21, 127-135	2.3	1
22	Radiotherapy treatment planning for prostate and nodes using variable planning ring. <i>Journal of Radiotherapy in Practice</i> , <b>2020</b> , 19, 399-402	0.4	
21	Characterization of positional accuracy of a double-focused and double-stack multileaf collimator on an MR-guided radiotherapy (MRgRT) Linac using an IC-profiler array. <i>Medical Physics</i> , <b>2020</b> , 47, 317-330	4.4	7
20	The quantification and potential impact of dark current on treatments with an MR-guided radiotherapy (MRgRT) system. <i>Journal of Applied Clinical Medical Physics</i> , <b>2020</b> , 21, 54-61	2.3	
19	External Validation of Early Regression Index (ERI) as Predictor of Pathologic Complete Response in Rectal Cancer Using Magnetic Resonance-Guided Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2020</b> , 108, 1347-1356	4	21
18	MR-based treatment planning in radiation therapy using a deep learning approach. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 105-114	2.3	28
17	Characterization and longitudinal assessment of daily quality assurance for an MR-guided radiotherapy (MRgRT) linac. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 27-36	2.3	11
16	Impact of adjuvant fractionated stereotactic radiotherapy dose on local control of brain metastases. <i>Journal of Neuro-Oncology</i> , <b>2019</b> , 145, 385-390	4.8	8
15	Dosimetric study for spine stereotactic body radiation therapy: magnetic resonance guided linear accelerator versus volumetric modulated arc therapy. <i>Radiology and Oncology</i> , <b>2019</b> , 53, 362-368	3.8	9
14	Cardiac Toxicity in Operable Esophageal Cancer Patients Treated With or Without Chemoradiation. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2019</b> , 42, 662-667	2.7	8
13	Hybrid volumetric modulated arc therapy for chest wall irradiation: For a good plan, get the right mixture. <i>Physica Medica</i> , <b>2018</b> , 52, 86-92	2.7	14
12	Dosimetric aspects of breast radiotherapy with three-dimensional and intensity-modulated radiotherapy helical tomotherapy planning modules. <i>Medical Dosimetry</i> , <b>2017</b> , 42, 42-46	1.3	2
11	Long-term dosimetric stability of multiple TomoTherapy delivery systems. <i>Journal of Applied Clinical Medical Physics</i> , <b>2017</b> , 18, 137-143	2.3	5
10	Acute Toxicity From Breast Cancer Radiation Using Helical Tomotherapy With a Simultaneous Integrated Boost. <i>Technology in Cancer Research and Treatment</i> , <b>2016</b> , 15, 257-65	2.7	10
9	Radiation therapy for breast cancer: Literature review. <i>Medical Dosimetry</i> , <b>2016</b> , 41, 253-7	1.3	35
8	Dosimetric differences in flattened and flattening filter-free beam treatment plans. <i>Journal of Medical Physics</i> , <b>2016</b> , 41, 92-9	0.7	13
7	Dosimetric comparison of photon and proton treatment techniques for chondrosarcoma of thoracic spine. <i>Medical Dosimetry</i> , <b>2013</b> , 38, 233-7	1.3	2

6	Adaptive planning using megavoltage fan-beam CT for radiation therapy with testicular shielding. <i>Medical Dosimetry</i> , <b>2012</b> , 37, 157-62	1.3	4
5	Postmastectomy radiotherapy with integrated scar boost using helical tomotherapy. <i>Medical Dosimetry</i> , <b>2012</b> , 37, 233-9	1.3	5
4	Feasibility study on effect and stability of adaptive radiotherapy on kilovoltage cone beam CT. <i>Radiology and Oncology</i> , <b>2011</b> , 45, 220-6	3.8	14
3	A planning study for palliative spine treatment using StatRT and megavoltage CT simulation. <i>Journal of Applied Clinical Medical Physics</i> , <b>2010</b> , 12, 3348	2.3	6
2	The effect and stability of MVCT images on adaptive TomoTherapy. <i>Journal of Applied Clinical Medical Physics</i> , <b>2010</b> , 11, 3229	2.3	21
1	Visualising the proximal urethra by MRI voiding scan: results of a prospective clinical trial evaluating a novel approach to radiotherapy simulation for prostate cancer. <i>Journal of Radiotherapy in Practice</i> , 1-4	0.4	