

# Jatinder Palta

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

930  
citations

686830

13  
h-index

476904

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Learning Models for Multicenter Prostate Cancer Treatment Plans. Journal of Computational Biology, 2021, 28, 166-184.	0.8	3
2	Multi-View Data Integration Methods for Radiotherapy Structure Name Standardization. Cancers, 2021, 13, 1796.	1.7	4
3	Deep neural network models to automate incident triage in the radiation oncology incident learning system. , 2021, , .		4
4	A Survey on Recent Named Entity Recognition and Relationship Extraction Techniques on Clinical Texts. Applied Sciences (Switzerland), 2021, 11, 8319.	1.3	34
5	A Machine Learning method for relabeling arbitrary DICOM structure sets to TG-263 defined labels. Journal of Biomedical Informatics, 2020, 109, 103527.	2.5	10
6	Automatic Incident Triage in Radiation Oncology Incident Learning System. Healthcare (Switzerland), 2020, 8, 272.	1.0	11
7	An efficient planning technique for low dose whole lung radiation therapy for covid-19 pandemic patients. Physics and Imaging in Radiation Oncology, 2020, 16, 85-88.	1.2	2
8	Integrated Natural Language Processing and Machine Learning Models for Standardizing Radiotherapy Structure Names. Healthcare (Switzerland), 2020, 8, 120.	1.0	17
9	Low complexity (e.g., <sup>60</sup> Co teletherapy) is the appropriate level of radiotherapy for use in low-income countries. Medical Physics, 2020, 47, 4671-4674.	1.6	2
10	Treatment Practice Analysis of Intermediate or High Risk Localized Prostate Cancer: A Multi-center Study with Veterans Health Administration Data. Lecture Notes in Computer Science, 2020, , 134-146.	1.0	1
11	Knowledge-Based Statistical Inference Method for Plan Quality Quantification. Technology in Cancer Research and Treatment, 2019, 18, 153303381985775.	0.8	10
12	A retrospective 4D <sup>sc</sup> MRI <sup>sc</sup> based on 2D diaphragm profiles for lung cancer patients. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 360-369.	0.9	10
13	American Association of Physicists in Medicine Task Group 263: Standardizing Nomenclatures in Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1057-1066.	0.4	140
14	Addressing connectivity issues: The Integrating the Healthcare Enterprise-Radiation Oncology (IHE-RO) initiative. Practical Radiation Oncology, 2011, 1, 226-231.	1.1	10
15	Precision and Uncertainties in Proton Therapy for Nonmoving Targets. Series in Medical Physics and Biomedical Engineering, 2011, , 413-434.	0.1	4
16	Integrating the Healthcare Enterprise in Radiation Oncology Plug and Play <sup>sc</sup> The Future of Radiation Oncology?. International Journal of Radiation Oncology Biology Physics, 2010, 76, 333-336.	0.4	19
17	American Society of Radiation Oncology Recommendations for Documenting Intensity-Modulated Radiation Therapy Treatments. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1311-1318.	0.4	61
18	<i>In vivo</i> verification of proton beam path by using post-treatment PET/CT imaging. Medical Physics, 2009, 36, 4136-4146.	1.6	48

#	ARTICLE	IF	CITATIONS
19	Dosimetric uncertainty in prostate cancer proton radiotherapy. Medical Physics, 2008, 35, 4800-4807.	1.6	12
20	A generalized <i>a priori</i> dose uncertainty model of IMRT delivery. Medical Physics, 2008, 35, 982-996.	1.6	25
21	Generalized field-splitting algorithms for optimal IMRT delivery efficiency. Physics in Medicine and Biology, 2007, 52, 5483-5496.	1.6	8
22	Is Dosimetric Effect of Leaf Width of MLC Clinically Significant in IMRT. , 2007, , 1766-1769.		3
23	A Systematic Analysis of IMRT QA Results. , 2007, , 1815-1818.		0
24	IMRT dose verification using the dose uncertainty prediction model. , 2007, , 1819-1822.		0
25	A new paradigm of IMRT plan evaluation with uncertainty volume histogram. , 2007, , 1941-1944.		0
26	Dose variations with varying calculation grid size in head and neck IMRT. Physics in Medicine and Biology, 2006, 51, 4841-4856.	1.6	55
27	A novel dose uncertainty model and its application for dose verification. Medical Physics, 2005, 32, 1747-1756.	1.6	17
28	Evaluation of surface and build-up region dose for intensity-modulated radiation therapy in head and neck cancer. Medical Physics, 2005, 32, 2682-2689.	1.6	81
29	Optimal leaf sequencing with elimination of tongue-and-groove underdosage. Physics in Medicine and Biology, 2004, 49, N7-N19.	1.6	32
30	Implementing IMRT in clinical practice: a joint document of the American Society for Therapeutic Radiology and Oncology and the American Association of Physicists in Medicine. International Journal of Radiation Oncology Biology Physics, 2004, 58, 1616-1634.	0.4	211
31	Optimal field splitting for large intensity-modulated fields. Medical Physics, 2004, 31, 3314-3323.	1.6	19
32	PARTITIONING 3D PHANTOMS INTO HOMOGENEOUS CUBOIDS. International Journal of Foundations of Computer Science, 2003, 14, 905-931.	0.8	4
33	Leaf sequencing algorithms for segmented multileaf collimation. Physics in Medicine and Biology, 2003, 48, 307-324.	1.6	72
34	Optimization of parameters for fitting linear accelerator photon beams using a modified CBEAM model. Medical Physics, 1989, 16, 896-901.	1.6	1