Phillip Prior

List of Publications by Year
in descending order

19	204	1163117 8	1058476 14
papers	citations	h-index	g-index

19	19	19	326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Technical Note: Dose effects of 1.5 T transverse magnetic field on tissue interfaces in MRI-guided radiotherapy. Medical Physics, 2016, 43, 4797-4802.	3.0	49
2	Maximizing Tumor Control and Limiting Complications With Stereotactic Body Radiation Therapy for Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 206-216.	0.8	27
3	Technical Note: Is bulk electron density assignment appropriate for MRI-only based treatment planning for lung cancer?. Medical Physics, 2017, 44, 3437-3443.	3.0	20
4	A phase I/II study piloting accelerated partial breast irradiation using CT-guided intensity modulated radiation therapy in the prone position. Radiotherapy and Oncology, 2013, 108, 215-219.	0.6	19
5	Association of Locoregional Control With High Body Mass Index in Women Undergoing Breast Conservation Therapy for Early-Stage Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2016, 96, 65-71.	0.8	19
6	Calculation of Optical Signal Using Three-Dimensional Bidomain/Diffusion Model Reveals Distortion of the Transmembrane Potential. Biophysical Journal, 2008, 95, 2097-2102.	0.5	18
7	Consolidating Risk Estimates for Radiation-Induced Complications in Individual Patient: Late Rectal Toxicity. International Journal of Radiation Oncology Biology Physics, 2012, 83, 53-63.	0.8	15
8	Consolidating duodenal and small bowel toxicity data via isoeffective dose calculations based on compiled clinical data. Practical Radiation Oncology, 2014, 4, e125-e131.	2.1	10
9	A Pilot Study of Cardiac MRI in Breast Cancer Survivors After Cardiotoxic Chemotherapy and Three-Dimensional Conformal Radiotherapy. Frontiers in Oncology, 2020, 10, 506739.	2.8	10
10	Development of an imaging modality utilizing 2D optical signals during an EPI-fluorescent optical mapping experiment. Physics in Medicine and Biology, 2009, 54, 3015-3030.	3.0	6
11	Dose Effect of Magnetic Field on Air-Tissue Interface in MR Guided IMRT and VMAT. International Journal of Radiation Oncology Biology Physics, 2015, 93, S21.	0.8	3
12	Tumor Control Probability Modeling for Radiation Therapy of Keratinocyte Carcinoma. Frontiers in Oncology, 2021, 11, 621641.	2.8	3
13	Electrostriction of anisotropic tissue. Physical Review E, 2007, 75, 021903.	2.1	2
14	Use of Three Dimensional Conformal Radiation Therapy for Node Positive Breast Cancer Does Not Result in Excess Lung and Heart Irradiation. International Journal of Medical Physics, Clinical Engineering and Radiation Oncology, 2017, 06, 1-9.	0.1	2
15	A preferred patient decubitus positioning for magnetic resonance image guided online adaptive radiation therapy of pancreatic cancer. Physics and Imaging in Radiation Oncology, 2019, 12, 22-29.	2.9	1
16	Dose Effect of Transverse Magnetic Field on IMRT Plans Delivered in an MR-Linac. International Journal of Radiation Oncology Biology Physics, 2014, 90, S98.	0.8	0
17	An Analysis on Local Control of Chemoradiation Therapy for Locally Advanced Pancreatic Cancer Using a Biophysical Model. International Journal of Radiation Oncology Biology Physics, 2017, 99, S166-S167.	0.8	0
18	Abstract P1-15-17: Sustained acceptable cosmetic outcomes and local control following accelerated partial breast irradiation using CT-guided IMRT in the prone position: Results from a phase I/II feasibility study. , 2015, , .		0

#	Article	IF	Citations
19	SU-G-JeP2-05: Dose Effects of a 1.5T Magnetic Field On Air-Tissue and Lung-Tissue Interfaces in MRI-Guided Radiotherapy. Medical Physics, 2016, 43, 3660-3660.	3.0	0