

Kundan Thind

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

170
citations

1477746

6
h-index

1125271

13
g-index

20
all docs

20
docs citations

20
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of radiation induced lung injury in rats using dynamic hyperpolarized ¹²⁹ Xe magnetic resonance spectroscopy. Medical Physics, 2014, 41, 072302.	1.6	33
2	Mapping metabolic changes associated with early Radiation Induced Lung Injury post conformal radiotherapy using hyperpolarized ¹³ C-pyruvate Magnetic Resonance Spectroscopic Imaging. Radiotherapy and Oncology, 2014, 110, 317-322.	0.3	31
3	Construction and evaluation of a switch-tuned ¹³ C ¹ H birdcage radiofrequency coil for imaging the metabolism of hyperpolarized ¹³ C-enriched compounds. Journal of Magnetic Resonance Imaging, 2014, 40, 1082-1090.	1.9	23
4	Anatomical, functional and metabolic imaging of radiation-induced lung injury using hyperpolarized MRI. NMR in Biomedicine, 2014, 27, 1515-1524.	1.6	17
5	Structure guided deformable image registration for treatment planning CT and post stereotactic body radiation therapy (SBRT) Primovist ¹²⁵ I (Gd-EOB-DTPA) enhanced MRI. Journal of Applied Clinical Medical Physics, 2019, 20, 109-118.	0.8	13
6	Increasing Demand on Human Capital and Resource Utilization in Radiation Therapy: The Past Decade. International Journal of Radiation Oncology Biology Physics, 2022, 112, 457-462.	0.4	10
7	A retrospective analysis to demonstrate achievable dosimetry for the left anterior descending artery in left-sided breast cancer patients treated with radiotherapy. Radiotherapy and Oncology, 2020, 148, 167-173.	0.3	9
8	Transmit-only/receive-only radiofrequency coil configuration for hyperpolarized ¹²⁹ Xe ¹ H MRI of rat lungs. Concepts in Magnetic Resonance Part B, 2015, 45, 115-124.	0.3	7
9	MRI-TRUS registration methodology for TRUS-guided HDR prostate brachytherapy. Journal of Applied Clinical Medical Physics, 2021, 22, 284-294.	0.8	5
10	Competency-Based Medical Education in Radiation Therapy Treatment Planning. Practical Radiation Oncology, 2022, 12, e232-e238.	1.1	5
11	Rapid implementation of extreme hypofractionation protocols in prostate cancer using RapidPlan [®] in response to COVID-19. Radiotherapy and Oncology, 2020, 151, 296-297.	0.3	4
12	The impact of inter-fraction changes for perineal template-based interstitial gynecologic brachytherapy implants. Journal of Contemporary Brachytherapy, 2019, 11, 122-127.	0.4	3
13	Technical Note: A standardized automation framework for monitoring institutional radiotherapy protocol compliance. Medical Physics, 2021, 48, 2661-2666.	1.6	3
14	Clinical Outcomes from Dose-Reduced Radiotherapy to the Prostate in Elderly Patients with Localized Prostate Cancer. Current Oncology, 2021, 28, 3729-3737.	0.9	2
15	63 Prostate and Catheter Motion in Prostate HDR Brachytherapy: From Operating Room to Shielded Delivery Vault. Radiotherapy and Oncology, 2019, 139, S29.	0.3	1
16	Analysis of outcomes after non-contour-based dose painting of dominant intra-epithelial lesion in intra-operative low-dose rate brachytherapy. Heliyon, 2020, 6, e04092.	1.4	1
17	Implementation of high-dose-rate brachytherapy for prostatic carcinoma in an unshielded operating room facility. Brachytherapy, 2021, 20, 58-65.	0.2	1
18	Auto-delineation framework for the focal liver reaction observed in post Stereotactic Body Radiation Therapy (SBRT) Primovist MRI scans. Medical Dosimetry, 2022, 47, 1-7.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Excessive waitlists and delays to treatment with low-dose-rate brachytherapy predict an increased risk of recurrence and metastases in intermediate-risk prostatic carcinoma. <i>Clinical and Translational Radiation Oncology</i> , 2021, 30, 38-42.	0.9	1
20	Dosimetric and radiobiological impact of abdominal compression on adjacent gastro-intestinal critical structures for patients treated with upper and mid-abdominal stereotactic body radiotherapy. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 139-151.	0.2	0