

Lalit Kumar

List of Publications by Year in descending order

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17
papers

97
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosimetric influence of filtered and flattening filter free photon beam on rapid arc (RA) radiotherapy planning in case of cervix carcinoma. Reports of Practical Oncology and Radiotherapy, 2017, 22, 10-18.	0.6	20
2	The dosimetric impact of different photon beam energy on RapidArc radiotherapy planning for cervix carcinoma. Journal of Medical Physics, 2015, 40, 207.	0.3	15
3	Dosimetric influence of photon beam energy and number of arcs on volumetric modulated arc therapy in carcinoma cervix: A planning study. Reports of Practical Oncology and Radiotherapy, 2017, 22, 1-9.	0.6	13
4	Impact of acuros XB algorithm in deep-inspiration breath-hold (DIBH) respiratory techniques used for the treatment of left breast cancer. Reports of Practical Oncology and Radiotherapy, 2020, 25, 507-514.	0.6	9
5	Dosimetric validation of Acuros [®] XB algorithm for RapidArc [®] treatment technique: A post software upgrade analysis. Journal of Cancer Research and Therapeutics, 2021, 17, 1491.	0.9	7
6	Dosimetric Analysis of Unflattened (FFF) and Flattened (FB) Photon Beam Energy for Gastric Cancers Using IMRT and VMAT – a Comparative Study. Journal of Gastrointestinal Cancer, 2019, 50, 408-419.	1.3	6
7	Depth of Invasion as an Independent Predictor of Survival in Patients of Stage III Squamous Cell Carcinoma of the Oral Tongue. Laryngoscope, 2021, , .	2.0	6
8	Validation of the RapidArc Delivery System Using a Volumetric Phantom as Per Task Group Report 119 of the American Association of Physicists in Medicine. Journal of Medical Physics, 2019, 44, 126-134.	0.3	5
9	Dosimetric impact of Acuros XB on cervix radiotherapy using RapidArc technique: a dosimetric study. Reports of Practical Oncology and Radiotherapy, 2021, 26, 582-589.	0.6	4
10	Feasibility of Monte-Carlo algorithm in comparison with collapse-cone dose calculation algorithm of a commercial treatment planning system in the presence of high-density metallic implant: a dosimetric study. Journal of the Egyptian National Cancer Institute, 2021, 33, 2.	1.5	3
11	Dosimetric validation of Acuros XB photon dose calculation algorithm on an indigenously fabricated low-density heterogeneous phantom. Radiation Protection and Environment, 2019, 42, 173.	0.2	3
12	A study for the development of a low density heterogeneous phantom for dose verification in high energy photon beam. Radiation Physics and Chemistry, 2020, 170, 108638.	2.8	2
13	Effect of Hip Prosthesis on Photon Beam Characteristics in Radiological Physics. Asian Pacific Journal of Cancer Prevention, 2020, 21, 1731-1738.	1.2	2
14	Dosimetric Evaluation of Low-Dose Spillage Volumes for Head and Neck Cancer Using Intensity-Modulated Radiation Therapy and Volumetric Modulated Arc Therapy Treatment Techniques. Progress in Medical Physics, 2021, 32, 70-81.	0.3	2
15	Design and fabrication of a thoracic phantom for radiation dose verification in mega-voltage X-ray beam. Materials Today: Proceedings, 2020, , .	1.8	0
16	Effect of contrast medium on treatment modalities planned with different photon beam energies: a planning study. Reports of Practical Oncology and Radiotherapy, 2021, 26, 688-711.	0.6	0
17	Dosimetric influence of acuros XB dose-to-medium and dose-to-water reporting modes on carcinoma cervix using intensity-modulated radiation therapy and volumetric rapidarc technique. Journal of Medical Physics, 2022, 47, 10.	0.3	0