

Parvaneh Shokrani

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

164
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	First macro Monte Carlo based commercial dose calculation module for electron beam treatment planning—new issues for clinical consideration. <i>Physics in Medicine and Biology</i> , 2006, 51, 2781-2799.	3.0	57
2	Measurement of Photoneutron Dose Produced by Wedge Filters of a High Energy Linac Using Polycarbonate Films. <i>Journal of Radiation Research</i> , 2008, 49, 279-283.	1.6	19
3	Determination of Gamma Camera™s Calibration Factors for Quantitation of Diagnostic Radionuclides in Simultaneous Scattering and Attenuation Correction. <i>Current Radiopharmaceuticals</i> , 2019, 12, 29-39.	0.8	13
4	Evaluation of various energy windows at different radionuclides for scatter and attenuation correction in nuclear medicine. <i>Annals of Nuclear Medicine</i> , 2015, 29, 375-383.	2.2	10
5	The effect of field modifier blocks on the fast photoneutron dose equivalent from two high-energy medical linear accelerators. <i>Radiation Protection Dosimetry</i> , 2007, 128, 359-362.	0.8	9
6	Evaluation of the photon dose calculation accuracy in radiation therapy of malignant pleural mesothelioma. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 1029-1035.	0.9	8
7	Out-of-field beam characteristics of a 6MV photon beam: Results of a Monte Carlo study. <i>Applied Radiation and Isotopes</i> , 2013, 72, 182-194.	1.5	7
8	Early Detection of Radiation-Induced Injury and Prediction of Cognitive Deficit by MRS Metabolites in Radiotherapy of Low-Grade Glioma. <i>BioMed Research International</i> , 2021, 2021, 1-13.	1.9	7
9	A novel approach in electron beam radiation therapy of lips carcinoma: A Monte Carlo study. <i>Medical Physics</i> , 2013, 40, 041720.	3.0	6
10	Aptamer modified nanoprobe for multimodal fluorescence/magnetic resonance imaging of human ovarian cancer cells. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	6
11	Monte Carlo and experimental characterization of the first AMIRS 103Pd brachytherapy source. <i>Applied Radiation and Isotopes</i> , 2008, 66, 1856-1860.	1.5	5
12	Doxorubicin-loaded PVP coated Gd ₂ O ₃ NPs for effective chemoradiotherapy in melanoma. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101189.	3.0	5
13	Monte Carlo Study of Fetal Dosimetry Parameters for 6 MV Photon Beam. <i>Journal of Medical Signals and Sensors</i> , 2013, 3, 31-6.	1.0	4
14	Evaluation of the Effects of Prostate Radiation Therapy on Occludin Expression and Ultrasonography Characteristics of the Bladder. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 963-971.	0.8	3
15	Assessment of a 2D electronic portal imaging devices-based dosimetry algorithm for pretreatment and in-vivo midplane dose verification. <i>Advanced Biomedical Research</i> , 2016, 5, 171.	0.5	3
16	A protocol for irradiation of cell lines cultured in multi-well plates: effect of air inhomogeneity on irradiated cell survival. <i>International Journal of Radiation Biology</i> , 2019, 95, 1543-1546.	1.8	1
17	Improvement of metallic artifacts in computed tomography in the absence of artifact reduction algorithms for spinal treatment planning applications. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 878.	0.9	1
18	Effect of Temporal Pattern of Radiation in Intensity Modulated Radiotherapy on Cell Cycle Progression and Apoptosis of ACHN Renal Cell Carcinoma Cell Line. <i>Pakistan Journal of Biological Sciences</i> , 2016, 19, 315-322.	0.5	0

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19	A comparison of selected dosimetric parameters of two Hodgkin Lymphoma radiotherapy techniques with reference to potential risk of radiation induced heart disease. Polish Journal of Medical Physics and Engineering, 2018, 24, 121-126.	0.6	0