

مقالات سال ۱۳۹۹

- ❖ *Investigation of the emission spectra and cytotoxicity of TiO₂ and Ti-MSN/PpIX nanoparticles to induce photodynamic effects using X-ray*
- ❖ *The Influence of Anionic, Cationic Surfactant and AOT/Water/Heptane Reverse Micelle on Photophysical Properties of Crocin: Compare with RPMI Effect*
- ❖ *The effect of UV radiation in the presence of TiO₂-NPs on Leishmania major promastigotes*
- ❖ *Investigation of combined photodynamic and radiotherapy effects of gallium phthalocyanine chloride on MCF-7 breast cancer cells*
- ❖ *Comparison of gold nanoparticles and iodinated contrast media in radiation dose reduction and contrast enhancement in computed tomography*
- ❖ *Superparamagnetic cobalt ferrite nanoparticles as T2 contrast agent in MRI: In vitro study*
- ❖ *Coad ministration of auraptene and radiotherapy; a novel modality against colon carcinoma cells in vitro and in vivo*
- ❖ *THERMAL and FAST NEUTRON DOSE EQUIVALENT DISTRIBUTION MEASUREMENT of 15-MV LINEAR ACCELERATOR USING A CR-39 NUCLEAR TRACK DETECTORS*
- ❖ *In-vitro investigation of cold atmospheric plasma induced photodynamic effect by Indocyanine green and Protoporphyrin IX*
- ❖ *Accompanying photocytotoxic activity of gold nanoechinus and zinc phthalocyanine on cancerous cell lines*
- ❖ *Identification of Superficial White Matter Abnormalities in Alzheimer's Disease and Mild Cognitive Impairment Using Diffusion Tensor Imaging*
- ❖ *PHA stimulation may be useful for FDXR gene expression-based biodosimetry*

- ❖ *Geometric distortion evaluation of magnetic resonance images by a new large field of view phantom for magnetic resonance based radiotherapy purposes*
- ❖ *Radiation Shielding Materials: Half-value layer determination for separate and simultaneous photon and neutron emissions by a ^{252}Cf source*
- ❖ *Dosimetric comparison of conventional and field-infield techniques in early-stage breast cancer radiotherapy*
- ❖ *Study of synergistic and protective effects of three different polar saffron extracts and photon radiation on human colorectal cancer cells (Ht-29) and normal human fibroblasts*
- ❖ *Assessment of skin dose in breast cancer radiotherapy: on-phantom measurement and Monte Carlo simulation*
- ❖ *Regulation of XPA could play a role in inhibition of radiation-induced bystander effects in QU-DB cells at high doses*
- ❖ *Contribution of ^{68}Ga -PSMA PET/CT to targeting volume delineation of prostate cancer treated with conformal radiation therapy: Which SUV threshold is appropriate?*
- ❖ *Corrigendum to "Targeted gold nanoparticles enable molecular CT imaging of head and neck cancer: An in vivo study" (International Journal of Biochemistry and Cell Biology (2019) 114, (S1357272519301256), (10.1016/j.biocel.2019.06.002))*
- ❖ *Comparison of three-dimensional double-echo steady-state sequence with routine two-dimensional sequence in the depiction of knee cartilage*
- ❖ *Contribution of ^{68}Ga -PSMA PET/CT to targeting volume delineation of prostate cancer treated with conformal radiation therapy: Which SUV threshold is appropriate?*
- ❖ *Radiation exposure to patients and examiners during endoscopic retrograde cholangiopancreatography procedures*
- ❖ *Neurochemical metabolite alterations of the occipital lobe in migraine without aura by proton magnetic resonance spectroscopy*

- ❖ *Investigation of Association Between Cardiac Dose Distribution and Strain/Tissue Doppler Echocardiographic Indices During 1-Year Post-Mastectomy Radiation Therapy Follow-Up in Breast Cancer Patients*
- ❖ *assessment of maximum entrance skin dose of patients undergoing cardiac interventional procedures and its correlation with other dosimetric parameters*
- ❖ *Application of magnetic resonance spectroscopy for evaluating metabolic alteration in anterior cingulate cortex in Alzheimer's disease*
- ❖ *Effect of infrared belt and hot water bag on the duration of first stage of labor in primiparous women: A randomized clinical trial*
- ❖ *Comparing two radiotherapy techniques of whole central nervous system tumors, considering tumor and critical organs' dose provided by treatment planning system and direct measurement*
- ❖ *Utilization of Electronic Portal Imaging Device (EPID) for setup verification and determination of setup margin in head and neck radiation therapy*
- ❖ *Evaluation of the heart and lung dosimetric parameters in deep inspiration breath hold using 3D slicer*
- ❖ *Dosimetric evaluation of neutron contamination caused by dental restorations during photon radiotherapy with a 15 MV Siemens Primus linear accelerator*
- ❖ *Alteration in Expression of Trim29, TRIM37, TRIM44, and beta-Catenin Genes After Irradiation in Human Cells with Different Radiosensitivity*