

مقالات سال ۲۰۲۳

- ❖ *A physicochemical model of X-ray induced photodynamic therapy (X-PDT) with an emphasis on tissue oxygen concentration and oxygenation. Scientific reports*
- ❖ *Destruction of Melanoma Cells by Cold Atmospheric Plasma in the Presence of Gold Nanoparticles. Journal of Isfahan Medical School*
- ❖ *Effect of infrared belt and hot water bag on labor pain intensity among primiparous: a randomized controlled trial. BMC Pregnancy and Childbirth*
- ❖ *Increased radiosensitivity of melanoma cells through cold plasma pretreatment mediated by ICG. Journal of Radiation Research*
- ❖ *Cobalt ferrite nanoparticle for the elimination of CD133+CD44+ and CD44+CD24-, in breast and skin cancer stem cells, using non-ionizing treatments. Heliyon*
- ❖ *Optimization of cobalt ferrite magnetic nanoparticle as a theranostic agent: MRI and hyperthermia. Magnetic Resonance Materials in Physics, Biology and Medicine*
- ❖ *Opto-microfluidic assisted synthesis of photo-protoporphyrin (pPP) conjugated to hollow gold-albumin hybrid nanoshells to enhance the efficiency of photodynamic therapy of triple negative breast cancer cells. Photodiagnosis and photodynamic therapy*
- ❖ *Effect of photothermal and photodynamic therapy with cobalt ferrite superparamagnetic nanoparticles loaded with ICG and PpIX on cancer stem cells in MDA-MB-231 and A375 cell lines. Photodiagnosis and Photodynamic Therapy*
- ❖ *The multimodal effect of Photothermal/Photodynamic/Chemo therapies mediated by Au-CoFe₂O₄ @Spiky nanostructure adjacent to mitoxantrone on breast cancer cells. Photodiagnosis and Photodynamic Therapy*
- ❖ *In vivo evaluation of Sono-chemo therapy via hollow gold nanoshells conjugated to mitoxantrone on breast cancer. Iranian Journal of Basic Medical Sciences*

- ❖ *The Synergistic Effect of Cold Atmospheric Plasma Mediated Gold Nanoparticles Conjugated with Indocyanine Green as an Innovative Approach to Cooperation with Radiotherapy. Cell Journal*
- ❖ *Evaluation and Comparison of Automatic Brain Segmentation Methods Based On the Gold Standard Method. Iranian Journal of Medical Physics*
- ❖ *Altered resting-state functional connectivity of the brain in children with autism spectrum disorder. Radiological physics and technology*
- ❖ *Application of Nobel QSM technique in MRI for early diagnosis of Alzheimer's disease: What is the relationship between iron deposits in brain nuclei with age and severity of disorders? مجله پزشکی دانشگاه علوم پزشکی تبریز*
- ❖ *Impaired white matter integrity in infants and young children with autism spectrum disorder: What evidence does diffusion tensor imaging provide? Psychiatry Research – Neuroimaging*
- ❖ *Establishment and validation of a calibration curve for dicentric chromosome induced by 6MV X-ray. Radiation protection dosimetry*
- ❖ *Inducing apoptosis by using microRNA in radio-resistant prostate cancer: an in-silico study with an in-vitro validation. Molecular biology reports*
- ❖ *Evaluation of micronuclei and antioxidant status in hospital radiation workers occupationally exposed to low-dose ionizing radiation. BMC health services research*
- ❖ *Alteration in Expression of Trim29, TRIM37, TRIM44, and β -Catenin Genes After Irradiation in Human cells with different radiosensitivity. Cancer Biotherapy and Radiopharmaceuticals*
- ❖ *The role of intrinsic radiosensitivity in the low-dose adaptive response induction in human peripheral blood mononuclear cells. Journal of Cancer Research and Therapeutics*
- ❖ *The role of microRNA-induced apoptosis in diverse radioresistant cancers. Cellular Signalling*
- ❖ *Evaluation of Contrast to Noise Ratio of Targeted and Non-Targeted Gold nanoparticles in nasopharyngeal cancer cells in CT images. Iranian Journal of Medical Physics*

- ❖ *Histopathological graded liver lesions: what role does the IVIM analysis method have? Magnetic Resonance Materials in Physics Biology and Medicine*
- ❖ *Triptorelin Peptide Conjugated Alginate Coated Gold Nanoparticles as A New Contrast Media for Targeted Computed Tomography Imaging of Cancer Cells. Cell Journal*
- ❖ *Optimizing the Radiation Treatment Planning of Brain Tumors by Integration of Functional MRI and White Matter Tractography. Journal of Biomedical Physics and Engineering*
- ❖ *7-Geranyloxycoumarin enhances radio sensitivity in human prostate cancer cells. Molecular Biology Reports*
- ❖ *Gold-containing liposomes and glucose-coated gold nanoparticles enhances the radiosensitivity of B16F0 melanoma cells via increasing apoptosis and ROS production. Life Sciences*
- ❖ *Dosimetric impact of volume on organs at risk during external beam radiotherapy of cervical cancer. Radiation protection dosimetry*
- ❖ *Deep-learning Method for the Prediction of Three-Dimensional Dose Distribution for Left Breast Cancer Conformal Radiation Therapy. Clinical Oncology*
- ❖ *Green synthesis of lead oxide nanoparticles using Ocimum basilicum extract: Photocatalytic assessment and cytotoxicity effects. Inorganic Chemistry Communications*
- ❖ *Plant-based synthesis of lead oxide nanoparticles using Trigonella feonumgraecum extract and assessment of their cytotoxicity and photocatalytic activity. Journal of Sol-Gel Science and Technology*
- ❖ *High-dose Irradiation Stimulated Breast Tumor Microenvironment to Enhance Tumor Cell Growth and Decrease Tumor Cell Motility. Journal of Biomedical Physics and Engineering*
- ❖ *Investigation of the Toxic Effects of Galbanic Acid with Ionizing Radiation on Human Colon Cancer HT-29 Cells. Pharmaceutical Chemistry Journal*
- ❖ *7-geranyloxycoumarin enhanced radiotherapy effects on human gastric adenocarcinoma cells. Journal of Cancer Research and Therapeutics*

❖ ***Radiosensitivity Enhancement using Triptorelin Conjugated Bismuth Sulfide Nanoparticles (Bi₂S₃@BSA) in Radiotherapy for Breast Cancer Cells. Journal of Nanomaterials***