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Education

Ph.D in Medical Physics

Faculty of Medicine - Ahwaz

September 2011 to December 2016

MSc. in Medical Physics

Faculty of Medicine –

Isfahan 2005 to May 2008

BSc. in Physics

Faculty of Sciences

Kermanshah September 2001 to September 2005

Employment / Professional Experience

Associated Professor of Medical Physics

Kermanshah University of Medical Sciences –

Kermanshah January 2016 to Present

Head of Radiology and Nuclear medicine department

Lecturer of Medical Physics

Ilam University of medical sciences –

Ilam September 2007 to September 2010

Publication

- ☑ **Mitigation of Radiation-induced Gastrointestinal System Injury using Resveratrol or Alpha-lipoic Acid: A Pilot Histopathological Study**
B Farhood, G Hassanzadeh, P Amini, D Shabeeb, AE Musa, ...
Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry , 2020
- ☑ **Transfer of Radio-Adaptation via Serum: A Preliminary Report**
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- ☑ **Celecoxib a selective Cox-2 inhibitor mitigates fibrosis but not pneumonitis following lung irradiation: A histopathological study**
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- ☑ **Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease ...**
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- ☑ **Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease ...**
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- ☑ **Targeting of cellular redox metabolism for mitigation of radiation injury**
B Farhood, M Ashrafizadeh, M Hoseini-Ghahfarokhi, S Afrashi, AE Musa, ...
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- ☑ **Mitigation of radiation-induced pneumonitis and lung fibrosis using alpha-lipoic acid and resveratrol**
R Azmoonfar, P Amini, R Yahyapour, A Rezaeyan, A Tavassoli, ...
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- ☑ **TGF- β in radiotherapy: Mechanisms of tumor resistance and normal tissues injury**
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- ☑ **Iron oxide/gold nanoparticles-decorated reduced graphene oxide nanohybrid as the thermo-radiotherapy agent**
K Moloudi, H Samadian, M Jaymand, E Khodamoradi, ...
IET nanobiotechnology , 2020; 14 (5), 428-432
- ☑ **Targets for protection and mitigation of radiation injury**
M Hoseini-Ghahfarokhi, P Amini, E Motevaseli, D Shabeeb, AE Musa, ...
Cellular and Molecular Life Sciences, 2020; 1-31
- ☑ **The role of hidden curriculum in the formation of professional ethics in Iranian medical students: A qualitative study**
Y Safari, A Khatony, E Khodamoradi, M Rezaei
Journal of Education and Health Promotion 9

- ☑ **Adsorption of radioactive materials by green microalgae *dunaliella salina* from aqueous solution**
 R Azmoonfar, M Najafi, A Rezaeyan, E Khodamoradi, N Rasouli
 Iranian Journal of Medical Physics ; 2019, 16 (6), 392-396
- ☑ **Effect of Pentoxifylline on Staurosporine-Induced Neurite Elongation in PC12 Cells**
 L Diojan, H Zhaleh, M Azadbakht, A Bidmeshkipour, E Khodamoradi
 Asian Pacific journal of cancer prevention: APJCP ; 2019, 20 (9), 2633
- ☑ **A novel classification method using effective neural network and quantitative magnetization transfer imaging of brain white matter in relapsing remitting multiple sclerosis**
 M Fooladi, H Sharini, S Masjoodi, E Khodamoradi
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- ☑ **Metformin protects against radiation-induced pneumonitis and fibrosis and attenuates upregulation of dual oxidase genes expression**
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- ☑ **Diagnostic Efficacy of Technetium-99m-Sestamibi Scintimammography in Comparison with Mammography to Detect Breast Lesions: A Systematic Review**
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- ☑ **Impact of low level radiation on concentrations of some trace elements in radiation workers**
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- ☑ **Dose–Response Curves of the FDXR and RAD51 Genes with 6 and 18 MV Beam Energies in Human Peripheral Blood Lymphocytes**
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 Iranian Red Crescent Medical Journal , 2016; 18 (11)
- ☑ **Gene expression biodosimetry: Quantitative assessment of radiation dose with total body exposure of rats**
 A Saberi, E Khodamoradi, MJT Birgani, M Makvandi
 Asian Pacific Journal of Cancer Prevention; 2016, 16 (18), 8553-8557
- ☑ **Assessment of gamma-dose rate in city of Kermanshah**
 ZS Mohamad Bagher Tavakoli, Ehsan Khodamoradi
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- ☑ **Estimation of absorbed dose of salivary glands in radioiodine therapy and its reduction using pilocarpine [Persian]**
 D Shahbazi-Gahrouei, Z Shahi, K Ziaie, E Khodamoradi
 Iranian Journal of Nuclear Medicine; 2007, 15 (2), 1-8
- ☑ **Porphyrin-based agents: potential MR imaging contrast agents for colorectal (HT29/219) detection in mice**
 D Shahbazi-Gahrouei, E Khodamoradi
 Journal of Medical Sciences ; 2007, 7 (6), 1015-1020

