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Education

INTI international university (INTI) fellow

Applied Radiation

University Putra Malaysia (UPM)

Ph. D

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M. Sc

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Tabriz University of Medical Sciences.

B.sc

Radiology

Position held recently

Full time academic member of faculty, faculty of allied sciences, Rafsanjan University of Medical Sciences. Rafsanjan- Iran.

Deputy of Research, faculty of allied sciences, Rafsanjan University of Medical Sciences. Rafsanjan- Iran.

Responsible Head for health physics, Rafsanjan University of Medical Sciences. Rafsanjan- Iran.

Research interests

Medical physics (radiation field)

Latest publications

L.A. Mehdipour, SMJ Mortazavi, EB Saion, H. Mozdarani, SA. Aziz, HM Kamari, Natural ventilation considerations for radon prone areas of Ramsar. Int. J. Radiat Res. 12(1), 69-74 -2014.

L.A Mehdipour, EB Saion, HM Kamari, SA Aziz, N Sadraddini. Measurement of testis absorbed dose in some common medical x-ray examinations using a Rando phantom. DOI 10.9790/4861- 0255456. IOSR Journal of Applied Physics (IOSR-JAP) 2012, 2(5), 54-56.

L.A Mehdipour, Elias B. Saion, Sidek A. A., Halimah M. K., Mahmoud Goodarz Naseri, Abdol Halim Shaari, Manizheh Navaseri. Influence of chimney effect on the radon effective dose of the lung simulated for radon prone areas of Ramsar in winter season. DOI 10.9790/4861-0443337,IOSR Journal of Applied Physics (IOSRJAP),2014, 4(4), 33-37.

Mehdipour L.A, Doost Mohammadi F, EB. Saion, Qasemi N, Hadavi M.,Influence of ventilation conditions on the radon annual effective dose of the lung simulated for radon prone areas of Ramsar. IOSR Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861.Volume 6, Issue 3 Ver. II (May-Jun. 2014), PP 65-70.

Ehsan Saeedi- Ali Dezhkam- Jalal Beigi- Sajjad Rastegar- Zahra Yousefi, -Lotf **Ali Mehdipour***- Hamid Abdollahi,8-Kiarash Tanha. Radiomic Feature Robustness and Reproducibility in Quantitative Bone Radiography: A Study on Radiologic Parameter Changes Journal ,VOL,NO: Journal of Clinical Densitometry, vol. 22, no. 2, 203-213.

S Razavi-F Ahmadi-Roknabadi ,M Safarian ,**A Mehdipour** ,A AnbarianM Mirzamohammadi , M Zeinali , M Kazemi Arababadi. IL-10 IS DOWN-REGULATED IN THE CARDIOVASCULAR DISEASES SUSPECTED PATIENTS, INDEPENDENT OF ANGIOGRAPHY. Journal, VOL, NO: Problemy radiatsiinoi medytsyny ta radiobiologii,, 24:449-454.

Sajjad Rastegar , Jalal Beigi , Ehsan Saeidi ,Ali Dezhkam , Tofigh Mobaderi ,Hamed Ghaffari ,**Ali Mehdipour** ,Hamid Abdollahi . Reject analysis in digital radiography: A local study on radiographers and students' attitude in Iran. Medical Journal of the Islamic Republic of Iran. 29; 33:49.

Ali Mehdipour, Masoumeh Parsi. Faezeh-Sadat Khorram. PATIENT DOSE SURVEY BASED ON SIZE-SPECIFIC DOSE ESTIMATE AND ACCEPTABLE QUALITY DOSE IN CHEST AND ABDOMEN/PELVIS CT EXAMINATIONS. Radiation protection dosimetry/Volume: 185/Issue: 2/Pages: 176-182.

Ali Mehdipour, AliakbarYousefi-Ahmadipour, DerekKennedy, MohammadKazemi Arababadi. Ionizing radiation and toll like receptors: A systematic review article. Human Immunology /Volume 82, Issue 6, June 2021, Pages 446-454.

Faezeh-sadat Khorram, **Ali Mehdipour**, Amir Moghadam-Ahmadi, Habib Farahmand, Azadeh Askari, Seyed Mohsen Moosavi, Ahmad Shabanizadeh, Masoumeh Parsi, Mohammad Kazemi Arababadi. Brain magnetic resonance imaging without contrast significantly increased serum levels of IL-6, but not IL-10, IL-17A and TGF- β : BRAIN INJURY.

Soheila Yousefi, Vahid Mohammadi Shahrokhi, **Ali Mehdipour**, Mohammad Safarian, Mehdi Zeinali, Mojtaba Mirzamohammadi, Ali Anbarian, Maral Mohammadi Shahrokhi, Mohammad Kazemi Arababadi. Interleukin 4 Is an Important Factor to Overcome Cardiovascular Suspected Patients Independent of CC Chemokine Receptor. : Journal of Vessels and Circulation 2 (2)- 69- 76.

Faridesadat Khorasani, **Ali Mehdipour**, Mohammad Safarian, Yasaman Sohrani, Mehdi Zeinali, Mojtaba Mirzamohammadi, Ali Anbarian, Mohammad Kazemi Arababadi. Angiography; an inducer of TGF-B during Early Atherosclerosis. Journal ,VOL,NO: Iranian Journal of Medical Physics, 20 (1)- 48- 52.

S Abolhadi, A. A Parach, **A. Mehdipour**, P. Mehnati, A. R Sayadi. Evaluation of silicon and 10% bismuth shield with variable thickness compared with constant thickness on the dose reduction and image quality during chest CT examination. Journal ,VOL,NO Radioprotection, , 58 (1)- 55- 60.

RN HONARAMOUZ, M Nasirzadeh, **A Mehdipour**, M Asadpour, The effect of health belief model-based educational intervention on colorectal cancer screening among men aged 50-70 years. Journal of Education 11 (2), 75-82.

A Mehdipour, N Ghasemi, N Esmailzadeh, A Taghavi. The effects of X-rays in the range of diagnostic levels on the growth rate of pistachio seedlings. Pistachio and health journal 6 (3-4), 13-21.

S Pourmasumi, R Vazirinejad, Z Ahmadi, **A Mehdipour**, A Nazari. Association between Occupational Chemical Exposure and Sperm Parameters; A Narrative Review. Journal of Occupational Health and Epidemiology 12 (1), 50-58.

P. Mehnati and A.R. Sayadi S. Abolhadi, A.A. Parach*, **A. Mehdipour**. evaluation of silicon and 10% bismuth shield with variable thickness compared with constant thickness on the dose reduction and image quality during chest CT examination. Radioprotection; 58 (1), 55- 60.

M Babizan, A Ravari, **A Mehdipour**, T Mirzaei. COMPARISON OF THE EFFECT OF EDUCATIONAL INTERVENTION IN ANGIOGRAPHY WITH CCU ON THE COMPLICATIONS OF CORONARY ANGIOPLASTY. *Nursing And Midwifery Journal* 20 (6), 489-499.

A Mehdipour, A Yousefi-Ahmadipour, D Kennedy, MK Arababadi. Ionizing radiation and toll like receptors: a systematic review article. *Human Immunology* 82 (6), 446-454.

Faezeh-sadat Khorram. **A. Mehdipour**, M. Parsi. Estimation of Mean Patient Dose Indices in Chest and Abdomen/Pelvis CT Examinations in Rafsanjan Ali Ibn Abitalib Hospital in 2018: A Descriptive Study. *Journal of Rafsanjan University of Medical Sciences* 19 (3), 295-304.

D Mirzaesmaeil, M Shariago, **A Mehdipour**, M Hadavi. Survey of surgical technology students' viewpoints about clinical education quality in Rafsanjan University of Medical Sciences. *Research in Medical Education* 12 (2), 50-60.

A Mehdipour, R Khaldari, AB Bani. Investigating radiogenesis status of lantern mantles in Iranian market using Alpha-auto Radiography and Dosimetry techniques. *Journal of Jiroft University of Medical Sciences* 6 (2), 187-193.

A Ansari Jaberi, A Zarei Fathabadi, **A Mehdipour**, T Negahban Bonabi. The Effect of Trained Family Presence on Patient's Anxiety During Invasive Procedures in the Emergency Department: A Randomized Clinical Trial. *Avicenna Journal of Nursing and Midwifery Care* 27 (5), 335-343.

S Razavi, F Ahmadi-Roknabadi, M Safarian, **A Mehdipour**, A Anbarian, M Mirzamohammadi, M Zeinali, M Kazemi Arababadi. IL-10 IS DOWN-REGULATED IN THE CARDIOVASCULAR DISEASES SUSPECTED PATIENTS, INDEPENDENT OF ANGIOGRAPHY. *Problems of Radiation Medicine & Radiobiology*. 2019, 24 (2); 35-51.

LA Mehdipour, MA Shafaei. Measurement of thyroid absorbed dose in some common medical radiographies on Rando phantom. *Community Health Journal* 3 (4), 11-17.

LA Mehdipour, F Asadi Pour, R Pour Ravari, M Ali Nasab, B Sabbagh. Evaluation of the knowledge and performance status of the radiology technologists of Rafsanjan radiology centers about protection against irradiation of patients in radiology. 2017, 4(1); 7-12.

LA Mehdipour, R Khaldari, B Baniasadipour. Evaluation of the accordance of Radiation field with Light field in the Radiographic

machines in Kerman X-Ray, Rafsanjan, and Sirjan cities, during 2010. Community Health Journal 4 (3), 10-17.

AR Sadrolhosseini, ASM Noor, **LA Mehdipour**, A Noura, MA Mahdi. Application of thermal lens technique to measure the thermal diffusivity of biodiesel blend. Optical Review 22 (2), 289-293.

AR Sadrolhosseini, SA Rashid, ASM Noor, A Kharazmi, **LA Mehdipour**. Fabrication of silver nanoparticles in pomegranate seed oil with thermal properties by laser ablation technique. Digest Journal of Nanomaterials and Biostructures 10 (3), 1009-1018.

LA Mehdipour, F DoostMohammadi, EB Saion, N Qasemi, M Hadavi. Influence of ventilation conditions on the radon annual effective dose of the lung simulated for radon prone areas of Ramsar. IOSR Journal of Applied Physics, 6 (3): 65-70.

M Hadavi, **LA Mehdipour**, A Soltani. Promotion of virtue and prevention of vice from viewpoint of Rafsanjan University of Medical Sciences students in 2011. Community Health Journal, 2013. 7(2); 1219.

M Navasery, SA Halim, G Bahmanrokh, N Soltani, A Dehzangi, A Kamalianfar, F Ud Din, S Abdolmohammadi, SK Chen, KP Lim, **LA Mehdipour**, A Anuar. Characterization and conduction mechanism of La₅/8Sr₃/8MnO₃ thin films prepared by pulsed laser deposition on different substrates. International journal of electrochemical science 8 (5), 6905-6921.

S Saion, MG Naseri, **LA Mehdipour**, AH Shaari, MA Kamaruddin. A simple thermal treatment synthesis and characterization of Ni-Zn ferrite (Ni_{0.5}Zn_{0.5}Fe₂O₄) nanocrystals. IOSR J. App. Phys. 4, 30.

LA Mehdipour, EB Saion, AA Sidek, MK Halimah, M GoodarzNaseri. Influence of chimney effect on the radon effective dose of the lung simulated for radon prone areas of Ramsar in winter season. IOSR-JAP 4 (4), 33-37.

MA Shafaei, E Saion, K Wood, MK Halimah, K Rezaee, **LA Mehdipour**. Evolution of ⁴⁰K in fruit collected in Malaysia by the determination of total potassium using neutron activation analysis. Journal of radioanalytical and nuclear chemistry 284 (3), 659-662.

SMJ Mortazavi, AA JAFARZADEH, MH Khosravi, KOHANALI JAFAR AHMADI, **LA MAHDIPOUR**, M POURGHOLAMI, A MANSHOURI, BAS BEHNEZHAD. The Effects of Low Doses of Diagnostic X-rays on Cellular and Humoral Immunological Responses in Balb/c Mice. JOURNAL OF RAFSANJAN UNIVERSITY OF MEDICAL SCIENCES AND HEALTH SERVICES. 2007, 6(12); 77-84.

SMJ Mortazavi, **LA Mehdipour**, S Tanavardi, S Mohammadi. The biopositive effects of diagnostic doses of X-rays on growth of Phaseolus vulgaris plant: a possibility of new physical fertilizers. ASIAN JOURNAL OF EXPERIMENTAL SCIENCES 20 (1), 27-33.

Translated and published books

- 1- Merrill's atlas of radiographic positions and radiologic procedures (volume 1)
- 2- How to become a top student?
- 3- Ultrasound (physics and technology), How, Why and When? 4- Quality management in radiological sciences 5- Radiobiology for the radiologists volume 1.
- 6- Radiobiology for the radiologists volume 2.
- 7- Magnetic Resonance Imaging, principles, methods and techniques.
- 8- Comprehensive educational guidance of Rafsanjan University of Medical Sciences