

# Alireza Mohammadkarim

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

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citations

2258059

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1720034

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g-index

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docs citations

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times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the short-term effects of radiotherapy on the shear modulus of the common carotid artery as a new biomarker of radiation-induced atherosclerosis. <i>Ultrasonography</i> , 2022, 41, 114-123.	2.3	5
2	Photobiomodulation Therapy Affects the Elastic Modulus, Cytoskeletal Rearrangement and Migration Capability of Human Osteosarcoma Cells. <i>Lasers in Medical Science</i> , 2022, 37, 2855-2863.	2.1	2
3	Evaluation of exit skin dose for intra-cavitary brachytherapy treatments by the BEBIG <sup>60</sup> Co machine using thermoluminescent dosimeters. <i>Journal of Radiotherapy in Practice</i> , 2021, 20, 49-54.	0.5	1
4	Fractal dimension analysis and surface topography mapping to investigate the effects of low-level laser therapy on the physical behavior of osteosarcoma MG-63 cells. <i>Koomesh</i> , 2021, 23, 548-555.	0.1	0
5	Attenuation correction in single-photon emission computed tomography for NURBS-based cardiac-torso phantom using dual-energy acquisition. <i>World Journal of Nuclear Medicine</i> , 2020, 19, 211.	0.5	0
6	Dose-dependent <sup>60</sup> Co $\gamma$ -radiation Effects on Human Endothelial Cell Mechanical Properties. <i>Cell Biochemistry and Biophysics</i> , 2019, 77, 179-186.	1.8	7
7	Radiation therapy affects the mechanical behavior of human umbilical vein endothelial cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 85, 188-193.	3.1	12
8	Hemodynamic analysis of radiation-induced damage in common carotid arteries by using color Doppler ultrasonography. <i>Ultrasonography</i> , 2018, 37, 43-49.	2.3	14
9	A method to improve the accuracy of diode in vivo dosimetry for external megavoltage photon beams filtered by wedges. <i>Journal of Theoretical and Applied Physics</i> , 2013, 7, 13.	1.4	1
10	Evaluation of off-axis wedge correction factor using diode dosimeters for estimation of delivered dose in external radiotherapy. <i>Journal of Medical Physics</i> , 2012, 37, 32.	0.3	3