

# Farid Semsarha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Determination of fast neutron RBE using a fully mechanistic computational model. Applied Radiation and Isotopes, 2020, 156, 108952.	1.5	4
2	Survival of the Halophilic Archaeon Halovarius luteus after Desiccation, Simulated Martian UV Radiation and Vacuum in Comparison to Bacillus atrophaeus. Origins of Life and Evolution of Biospheres, 2020, 50, 157-173.	1.9	6
3	Computational approach to determine the relative biological effectiveness of fast neutrons using the Geant4-DNA toolkit and a DNA atomic model from the Protein Data Bank. Physical Review E, 2019, 99, 052404.	2.1	8
4	Microdosimetry of DNA conformations: relation between direct effect of <sup>60</sup> Co gamma rays and topology of DNA geometrical models in the calculation of A-, B- and Z-DNA radiation-induced damage yields. Radiation and Environmental Biophysics, 2016, 55, 243-254.	1.4	3
5	Calculation of direct effects of <sup>60</sup> Co gamma rays on the different DNA structural levels: A simulation study using the Geant4-DNA toolkit. Nuclear Instruments & Methods in Physics Research B, 2015, 346, 53-60.	1.4	12
6	Simulation of ultrasoft X-rays induced DNA damage using the Geant4 Monte Carlo toolkit. Nuclear Instruments & Methods in Physics Research B, 2015, 342, 258-265.	1.4	10
7	An investigation on the radiation sensitivity of DNA conformations to <sup>60</sup> Co gamma rays by using Geant4 toolkit. Nuclear Instruments & Methods in Physics Research B, 2014, 323, 75-81.	1.4	15
8	Calculation of DNA strand breaks due to direct and indirect effects of Auger electrons from incorporated <sup>123</sup> I and <sup>125</sup> I radionuclides using the Geant4 computer code. International Journal of Radiation Biology, 2013, 89, 57-64.	1.8	21
9	Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 320, 213-221.	4.7	36
10	Alleviative effects of Faradarmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 0, 9, 1089.	1.6	2
11	Alleviative effects of Fara-darmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 0, 9, 1089.	1.6	4
12	The Influence of the Faradarmani Consciousness Field on the Survival and Death of MCF-7 Breast Cancer Cells: An Optimization Perspective. SSRN Electronic Journal, 0, , .	0.4	4
13	Alleviative effects of Fara-darmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 0, 9, 1089.	1.6	0