

Farid Semsarha

List of Publications by Year in descending order

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docs citations

21
times ranked

137
citing authors

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