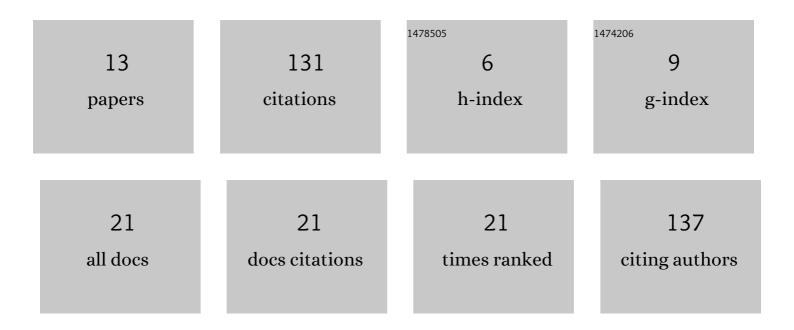
Farid Semsarha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Calculation of DNA strand breaks due to direct and indirect effects of Auger electrons from incorporated123I and125I radionuclides using the Geant4 computer code. International Journal of Radiation Biology, 2013, 89, 57-64.	1.8	21
3	An investigation on the radiation sensitivity of DNA conformations to 60Co gamma rays by using Geant4 toolkit. Nuclear Instruments & Methods in Physics Research B, 2014, 323, 75-81.	1.4	15
4	Calculation of direct effects of 60Co 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
5	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
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. Physical Review E, 2019, 99, 052404.	2.1	8
7	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
8	Determination of fast neutron RBE using a fully mechanistic computational model. Applied Radiation and Isotopes, 2020, 156, 108952.	1.5	4
9	Alleviative effects of Fara-darmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 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. SSRN Electronic Journal, 0, , .	0.4	4
11	Microdosimetry of DNA conformations: relation between direct effect of 60Co 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
12	Alleviative effects of Faradarmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 0, 9, 1089.	1.6	2
13	Alleviative effects of Fara-darmani Consciousness Field on Triticum aestivum L. under salinity stress. F1000Research, 0, 9, 1089.	1.6	0