

Jaafar El Bakkali

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

66
citations

1937685

4
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of Monte Carlo Geant4 code for a 6 MV Varian linac. Journal of King Saud University - Science, 2017, 29, 106-113.	3.5	24
2	InterDosi Monte Carlo simulations of photon and electron specific absorbed fractions in a voxel-based crab phantom. Radiation and Environmental Biophysics, 2022, 61, 111-118.	1.4	7
3	Assessment of Monte Carlo Geant4 capabilities in prediction of photon beam dose distribution in a heterogeneous medium. Physics in Medicine, 2018, 5, 1-5.	1.3	6
4	Monte Carlo calculation of photon specific absorbed fractions in digimouse voxelized phantom using InterDosi code. Radiation Physics and Chemistry, 2021, 182, 109360.	2.8	6
5	G4Linac_MT, an easy-to-use Geant4-based code for modeling medical linear accelerator. Radiation Physics and Chemistry, 2019, 157, 65-71.	2.8	5
6	InterDosi simulations of photon and alpha specific absorbed fractions in zupal voxelized phantom. Applied Radiation and Isotopes, 2021, 176, 109838.	1.5	5
7	Monte Carlo calculation of organ dose coefficients for internal dosimetry: Results of an international intercomparison exercise. Radiation Measurements, 2021, 148, 106661.	1.4	5
8	ERSN-OpenMC, a Java-based GUI for OpenMC Monte Carlo code. Journal of Radiation Research and Applied Sciences, 2016, 9, 234-241.	1.2	4
9	Behaviors of the percentage depth dose curves along the beam axis of a phantom filled with different clinical PTO objects, a Monte Carlo Geant4 study. Radiation Physics and Chemistry, 2016, 125, 199-204.	2.8	3
10	Estimation of electron-specific absorbed fractions with the InterDosi code using ICRP adult female voxel-based phantom. Applied Radiation and Isotopes, 2022, 182, 110145.	1.5	1