

Fabiano Vasi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

2258059

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1872680

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9
all docs

9
docs citations

9
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	A model of radiation action based on nanodosimetry and the application to ultra-soft X-rays. Radiation and Environmental Biophysics, 2020, 59, 439-450.	1.4	10
2	TRACK EVENT THEORY: A CELL SURVIVAL and RBE MODEL CONSISTENT WITH NANODOSIMETRY. Radiation Protection Dosimetry, 2019, 183, 17-21.	0.8	9
3	The Impact of the Geometrical Structure of the DNA on Parameters of the Track-Event Theory for Radiation Induced Cell Kill. PLoS ONE, 2016, 11, e0164929.	2.5	5
4	Development of whole-body representation and dose calculation in a commercial treatment planning system. Zeitschrift Fur Medizinische Physik, 2022, 32, 159-172.	1.5	4
5	Experimental Validation of an Analytical Program and a Monte Carlo Simulation for the Computation of the Far Out-of-Field Dose in External Beam Photon Therapy Applied to Pediatric Patients. Frontiers in Oncology, 0, 12, .	2.8	4
6	The probabilities of one- and multi-track events for modeling radiation-induced cell kill. Radiation and Environmental Biophysics, 2017, 56, 249-254.	1.4	3
7	First measurements of ionization cluster size distributions with a compact nanodosimeter. Medical Physics, 2021, 48, 2566-2571.	3.0	3
8	Feasibility study of macroscopic simulations of nanodosimetric parameters for proton therapy. Medical Physics, 2020, 47, 5872-5881.	3.0	2
9	FIRE: A compact nanodosimeter detector based on ion amplification in gas. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 999, 165116.	1.6	2