

Scott Penfold

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12185110/publications.pdf>

Version: 2024-02-01

4
papers

120
citations

2257263

3
h-index

2272555

4
g-index

4
all docs

4
docs citations

4
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo investigation of the increased radiation deposition due to gold nanoparticles using kilovoltage and megavoltage photons in a 3D randomized cell model. <i>Medical Physics</i> , 2013, 40, 071710.	1.6	81
2	Development of a randomized 3D cell model for Monte Carlo microdosimetry simulations. <i>Medical Physics</i> , 2012, 39, 3509-3519.	1.6	23
3	Development of a radiation track structure clustering algorithm for the prediction of DNA DSB yields and radiation induced cell death in Eukaryotic cells. <i>Physics in Medicine and Biology</i> , 2015, 60, 3217-3236.	1.6	11
4	Radiation dose calculation in 3D heterogeneous media using artificial neural networks. <i>Medical Physics</i> , 2021, 48, 2637-2645.	1.6	5