

Seongmoon Jung

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

149
citations

1307594

7
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of treatment plans between static jaw and jaw tracking techniques in postmastectomy intensity-modulated radiation therapy. <i>Physical and Engineering Sciences in Medicine</i> , 2022, , 1.	2.4	0
2	3D star shot analysis using MAGAT gel dosimeter for integrated imaging and radiation isocenter verification of MRâ€Linac system. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13615.	1.9	7
3	Scanning methodology for contact lens-type ocular in vivo dosimeter (CLOD) dosimetry applying a silicone material. <i>Radiation Oncology</i> , 2022, 17, 88.	2.7	0
4	Dose calculation of 3D printing lead shield covered by biocompatible silicone for electron beam therapy. <i>Physical and Engineering Sciences in Medicine</i> , 2021, , 1.	2.4	2
5	Gold coated contact lens-type ocular in vivo dosimeter (CLOD) for monitoring of low dose in computed tomography: A Monte Carlo study. <i>Physica Medica</i> , 2021, 92, 1-7.	0.7	1
6	Assessing Commercial CLEANBOLUS Based on Silicone for Clinical Use. <i>Progress in Medical Physics</i> , 2021, 32, 159-164.	0.3	0
7	Effect of Total Collimation Width on Relative Electron Density, Effective Atomic Number, and Stopping Power Ratio Acquired by Dual-Layer Dual-Energy Computed Tomography. <i>Progress in Medical Physics</i> , 2021, 32, 165-171.	0.3	0
8	Dosimetric Characteristics of Flexible Radiochromic Film Based on LiPCDA. <i>Progress in Medical Physics</i> , 2021, 32, 179-184.	0.3	0
9	Dynamic <i>i>In Vivo</i> X-ray Fluorescence Imaging of Gold in Living Mice Exposed to Gold Nanoparticles. <i>IEEE Transactions on Medical Imaging</i>, 2020, 39, 526-533.</i>	8.9	20
10	Europium-Diethylenetriaminepentaacetic Acid Loaded Radioluminescence Liposome Nanoplatform for Effective Radioisotope-Mediated Photodynamic Therapy. <i>ACS Nano</i> , 2020, 14, 13004-13015.	14.6	41
11	Deriving the Effective Atomic Number with a Dual-Energy Image Set Acquired by the Big Bore CT Simulator. <i>Journal of Radiation Protection and Research</i> , 2020, 45, 171-177.	0.6	4
12	Compton Background Elimination for in Vivo X-Ray Fluorescence Imaging of Gold Nanoparticles Using Convolutional Neural Network. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 2311-2320.	2.0	6
13	Measuring radioenhancement by gold nanofilms: Comparison with analytical calculations. <i>Physica Medica</i> , 2019, 68, 1-9.	0.7	7
14	Low Magnetic Field MRI Visibility of Rubber-Based Markers. <i>Progress in Medical Physics</i> , 2019, 30, 89.	0.3	1
15	MCNP6.1 simulations for low-energy atomic relaxation: Code-to-code comparison with GATEv7.2, PENELOPE2014, and EGSnrc. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 415, 117-126.	1.4	10
16	Low-energy electron dose-point kernels and radial dose distributions around gold nanoparticles: Comparison between MCNP6.1, PENELOPE2014 and Geant4-DNA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 430, 18-22.	1.4	8
17	Pinhole X-ray fluorescence imaging of gadolinium and gold nanoparticles using polychromatic X-rays: a Monte Carlo study. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5805-5817.	6.7	15
18	Evaluation of the microscopic dose enhancement for nanoparticle-enhanced Auger therapy. <i>Physics in Medicine and Biology</i> , 2016, 61, 7522-7535.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Monte Carlo modeling of gold nanoparticles detection limits of benchtop three-dimensional L ^L and K ^K shell X-ray fluorescence mapping systems. X-Ray Spectrometry, 0, , .	1.4	1