

Haegin Han

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

176
citations

1162367

8
h-index

1199166

12
g-index

24
all docs

24
docs citations

24
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesh-type reference Korean phantoms (MRKPs) for adult male and female for use in radiation protection dosimetry. <i>Physics in Medicine and Biology</i> , 2019, 64, 085020.	1.6	17
2	Body-size-dependent phantom library constructed from ICRP mesh-type reference computational phantoms. <i>Physics in Medicine and Biology</i> , 2020, 65, 125014.	1.6	15
3	Dose coefficients of mesh-type ICRP reference computational phantoms for idealized external exposures of photons and electrons. <i>Nuclear Engineering and Technology</i> , 2019, 51, 843-852.	1.1	14
4	Posture-dependent dose coefficients of mesh-type ICRP reference computational phantoms for photon external exposures. <i>Physics in Medicine and Biology</i> , 2019, 64, 075018.	1.6	14
5	Percentile-specific computational phantoms constructed from ICRP mesh-type reference computational phantoms (MRCs). <i>Physics in Medicine and Biology</i> , 2019, 64, 045005.	1.6	14
6	Development of skeletal systems for ICRP pediatric mesh-type reference computational phantoms. <i>Journal of Radiological Protection</i> , 2021, 41, 139-161.	0.6	12
7	Dose coefficients of mesh-type ICRP reference computational phantoms for external exposures of neutrons, protons, and helium ions. <i>Nuclear Engineering and Technology</i> , 2020, 52, 1545-1556.	1.1	9
8	Korean anatomical reference data for adults for use in radiological protection. <i>Journal of the Korean Physical Society</i> , 2018, 72, 183-191.	0.3	8
9	Computation Speeds and Memory Requirements of Mesh-Type ICRP Reference Computational Phantoms in Geant4, MCNP6, and PHITS. <i>Health Physics</i> , 2019, 116, 664-676.	0.3	8
10	POLY2TET: a computer program for conversion of computational human phantoms from polygonal mesh to tetrahedral mesh. <i>Journal of Radiological Protection</i> , 2020, 40, 962-979.	0.6	8
11	Development of paediatric mesh-type reference computational phantom series of International Commission on Radiological Protection. <i>Journal of Radiological Protection</i> , 2021, 41, S160-S170.	0.6	7
12	Implications of using a 50- μ m-thick skin target layer in skin dose coefficient calculation for photons, protons, and helium ions. <i>Nuclear Engineering and Technology</i> , 2017, 49, 1495-1504.	1.1	6
13	A study on dose conversion from a material to human body using mesh phantom for retrospective dosimetry. <i>Radiation Measurements</i> , 2019, 126, 106126.	0.7	6
14	Dose coefficients of percentile-specific computational phantoms for photon external exposures. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 151-160.	0.6	6
15	Detailed tooth models for ICRP mesh-type reference computational phantoms. <i>Journal of Radiological Protection</i> , 2021, 41, .	0.6	5
16	Development of detailed pediatric eye models for lens dose calculations. <i>Journal of Radiological Protection</i> , 2021, 41, 305-325.	0.6	5
17	Development of Detailed Korean Adult Eye Model for Lens Dose Calculation. <i>Journal of Radiation Protection and Research</i> , 2020, 45, 45-52.	0.3	5
18	Calculation of local skin doses with ICRP adult mesh-type reference computational phantoms. <i>Journal of the Korean Physical Society</i> , 2018, 72, 177-182.	0.3	4

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19	Dose conversion coefficients for neutron external exposures with five postures: walking, sitting, bending, kneeling, and squatting. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 317-328.	0.6	3
20	Body-size-dependent Iodine-131 S values. <i>Journal of Radiological Protection</i> , 2020, 40, 1311-1320.	0.6	3
21	New calculation method for 3D dose distribution in tetrahedral-mesh phantoms in Geant4. <i>Physica Medica</i> , 2019, 66, 97-103.	0.4	2
22	Development of a novel program for conversion from tetrahedral-mesh-based phantoms to DICOM dataset for radiation treatment planning: TET2DICOM. <i>Journal of Applied Clinical Medical Physics</i> , 2021, , .	0.8	2
23	A patient-specific hybrid phantom for calculating radiation dose and equivalent dose to the whole body. <i>Physics in Medicine and Biology</i> , 2022, 67, 035005.	1.6	2
24	Iodine-131 S values for use in organ dose estimation of Korean patients in radioiodine therapy. <i>Nuclear Engineering and Technology</i> , 2022, 54, 689-700.	1.1	1