Haegin Han

List of Publications by Year
in descending order

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	Iodine-131ÂS values for use in organ dose estimation of Korean patients in radioiodine therapy. Nuclear Engineering and Technology, 2022, 54, 689-700.	1.1	1
2	A patient-specific hybrid phantom for calculating radiation dose and equivalent dose to the whole body. Physics in Medicine and Biology, 2022, 67, 035005.	1.6	2
3	Dose conversion coefficients for neutron external exposures with five postures: walking, sitting, bending, kneeling, and squatting. Radiation and Environmental Biophysics, 2021, 60, 317-328.	0.6	3
4	Detailed tooth models for ICRP mesh-type reference computational phantoms. Journal of Radiological Protection, 2021, 41, .	0.6	5
5	Development of detailed pediatric eye models for lens dose calculations. Journal of Radiological Protection, 2021, 41, 305-325.	0.6	5
6	Development of skeletal systems for ICRP pediatric mesh-type reference computational phantoms. Journal of Radiological Protection, 2021, 41, 139-161.	0.6	12
7	Development of paediatric mesh-type reference computational phantom series of International Commission on Radiological Protection. Journal of Radiological Protection, 2021, 41, S160-S170.	0.6	7
8	Development of a novel program for conversion from tetrahedral‐mesh‐based phantoms to DICOM dataset for radiation treatment planning: TET2DICOM. Journal of Applied Clinical Medical Physics, 2021, , .	0.8	2
9	Dose coefficients of percentile-specific computational phantoms for photon external exposures. Radiation and Environmental Biophysics, 2020, 59, 151-160.	0.6	6
10	Dose coefficients of mesh-type ICRP reference computational phantoms for external exposures of neutrons, protons, and helium ions. Nuclear Engineering and Technology, 2020, 52, 1545-1556.	1.1	9
11	Body-size-dependent phantom library constructed from ICRP mesh-type reference computational phantoms. Physics in Medicine and Biology, 2020, 65, 125014.	1.6	15
12	POLY2TET: a computer program for conversion of computational human phantoms from polygonal mesh to tetrahedral mesh. Journal of Radiological Protection, 2020, 40, 962-979.	0.6	8
13	Body-size-dependent Iodine-131 S values. Journal of Radiological Protection, 2020, 40, 1311-1320.	0.6	3
14	Development of Detailed Korean Adult Eye Model for Lens Dose Calculation. Journal of Radiation Protection and Research, 2020, 45, 45-52.	0.3	5
15	New calculation method for 3D dose distribution in tetrahedral-mesh phantoms in Geant4. Physica Medica, 2019, 66, 97-103.	0.4	2
16	A study on dose conversion from a material to human body using mesh phantom for retrospective dosimetry. Radiation Measurements, 2019, 126, 106126.	0.7	6
17	Dose coefficients of mesh-type ICRP reference computational phantoms for idealized external exposures of photons and electrons. Nuclear Engineering and Technology, 2019, 51, 843-852.	1.1	14
18	Mesh-type reference Korean phantoms (MRKPs) for adult male and female for use in radiation protection dosimetry. Physics in Medicine and Biology, 2019, 64, 085020.	1.6	17

#	Article	IF	Citations
19	Posture-dependent dose coefficients of mesh-type ICRP reference computational phantoms for photon external exposures. Physics in Medicine and Biology, 2019, 64, 075018.	1.6	14
20	Computation Speeds and Memory Requirements of Mesh-Type ICRP Reference Computational Phantoms in Geant4, MCNP6, and PHITS. Health Physics, 2019, 116, 664-676.	0.3	8
21	Percentile-specific computational phantoms constructed from ICRP mesh-type reference computational phantoms (MRCPs). Physics in Medicine and Biology, 2019, 64, 045005.	1.6	14
22	Calculation of local skin doses with ICRP adult mesh-type reference computational phantoms. Journal of the Korean Physical Society, 2018, 72, 177-182.	0.3	4
23	Korean anatomical reference data for adults for use in radiological protection. Journal of the Korean Physical Society, 2018, 72, 183-191.	0.3	8
24	Implications of using a 50-μm-thick skin target layer in skin dose coefficient calculation for photons, protons, and helium ions. Nuclear Engineering and Technology, 2017, 49, 1495-1504.	1.1	6