Haegin Han

List of Publications by Year
in descending order

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24	176	1163117 8	1199594 12
papers	citations	h-index	g-index

24	24	24	103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	3.0	17
2	Body-size-dependent phantom library constructed from ICRP mesh-type reference computational phantoms. Physics in Medicine and Biology, 2020, 65, 125014.	3.0	15
3	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.	2.3	14
4	Posture-dependent dose coefficients of mesh-type ICRP reference computational phantoms for photon external exposures. Physics in Medicine and Biology, 2019, 64, 075018.	3.0	14
5	Percentile-specific computational phantoms constructed from ICRP mesh-type reference computational phantoms (MRCPs). Physics in Medicine and Biology, 2019, 64, 045005.	3.0	14
6	Development of skeletal systems for ICRP pediatric mesh-type reference computational phantoms. Journal of Radiological Protection, 2021, 41, 139-161.	1.1	12
7	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.	2.3	9
8	Korean anatomical reference data for adults for use in radiological protection. Journal of the Korean Physical Society, 2018, 72, 183-191.	0.7	8
9	Computation Speeds and Memory Requirements of Mesh-Type ICRP Reference Computational Phantoms in Geant4, MCNP6, and PHITS. Health Physics, 2019, 116, 664-676.	0.5	8
10	POLY2TET: a computer program for conversion of computational human phantoms from polygonal mesh to tetrahedral mesh. Journal of Radiological Protection, 2020, 40, 962-979.	1.1	8
11	Development of paediatric mesh-type reference computational phantom series of International Commission on Radiological Protection. Journal of Radiological Protection, 2021, 41, S160-S170.	1.1	7
12	Implications of using a 50-Î¼m-thick skin target layer in skin dose coefficient calculation for photons, protons, and helium ions. Nuclear Engineering and Technology, 2017, 49, 1495-1504.	2.3	6
13	A study on dose conversion from a material to human body using mesh phantom for retrospective dosimetry. Radiation Measurements, 2019, 126, 106126.	1.4	6
14	Dose coefficients of percentile-specific computational phantoms for photon external exposures. Radiation and Environmental Biophysics, 2020, 59, 151-160.	1.4	6
15	Detailed tooth models for ICRP mesh-type reference computational phantoms. Journal of Radiological Protection, 2021, 41, .	1.1	5
16	Development of detailed pediatric eye models for lens dose calculations. Journal of Radiological Protection, 2021, 41, 305-325.	1.1	5
17	Development of Detailed Korean Adult Eye Model for Lens Dose Calculation. Journal of Radiation Protection and Research, 2020, 45, 45-52.	0.6	5
18	Calculation of local skin doses with ICRP adult mesh-type reference computational phantoms. Journal of the Korean Physical Society, 2018, 72, 177-182.	0.7	4

#	Article	IF	Citations
19	Dose conversion coefficients for neutron external exposures with five postures: walking, sitting, bending, kneeling, and squatting. Radiation and Environmental Biophysics, 2021, 60, 317-328.	1.4	3
20	Body-size-dependent Iodine-131 S values. Journal of Radiological Protection, 2020, 40, 1311-1320.	1.1	3
21	New calculation method for 3D dose distribution in tetrahedral-mesh phantoms in Geant4. Physica Medica, 2019, 66, 97-103.	0.7	2
22	Development of a novel program for conversion from tetrahedralâ€meshâ€based phantoms to DICOM dataset for radiation treatment planning: TET2DICOM. Journal of Applied Clinical Medical Physics, 2021, , .	1.9	2
23	A patient-specific hybrid phantom for calculating radiation dose and equivalent dose to the whole body. Physics in Medicine and Biology, 2022, 67, 035005.	3.0	2
24	Iodine-131ÂS values for use in organ dose estimation of Korean patients in radioiodine therapy. Nuclear Engineering and Technology, 2022, 54, 689-700.	2.3	1