

Bangho Shin

List of Publications by Year in descending order

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19
papers

166
citations

1162367

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95
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 (MRCPs). <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	Multi-threading performance of Geant4, MCNP6, and PHITS Monte Carlo codes for tetrahedral-mesh geometry. <i>Physics in Medicine and Biology</i> , 2018, 63, 09NT02.	1.6	9
8	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
9	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
10	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
11	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
12	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
13	Dose coefficients of percentile-specific computational phantoms for photon external exposures. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 151-160.	0.6	6
14	Detailed tooth models for ICRP mesh-type reference computational phantoms. <i>Journal of Radiological Protection</i> , 2021, 41, .	0.6	5
15	Development of detailed pediatric eye models for lens dose calculations. <i>Journal of Radiological Protection</i> , 2021, 41, 305-325.	0.6	5
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Body-size-dependent Iodine-131 S values. Journal of Radiological Protection, 2020, 40, 1311-1320.	0.6	3