

# Choonsik Lee

## List of Publications by Year in descending order

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139  
papers

8,057  
citations

117453

34  
h-index

49773

87  
g-index

139  
all docs

139  
docs citations

139  
times ranked

8276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: a retrospective cohort study. <i>Lancet, The</i> , 2012, 380, 499-505.	6.3	3,011
2	Use of Diagnostic Imaging Studies and Associated Radiation Exposure for Patients Enrolled in Large Integrated Health Care Systems, 1996-2010. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2400-9.	3.8	685
3	Cancer therapy shapes the fitness landscape of clonal hematopoiesis. <i>Nature Genetics</i> , 2020, 52, 1219-1226.	9.4	367
4	Cancer risks associated with external radiation from diagnostic imaging procedures. <i>Ca-A Cancer Journal for Clinicians</i> , 2012, 62, 75-100.	157.7	287
5	The UF family of reference hybrid phantoms for computational radiation dosimetry. <i>Physics in Medicine and Biology</i> , 2010, 55, 339-363.	1.6	277
6	Radiation Exposure From Pediatric CT Scans and Subsequent Cancer Risk in the Netherlands. <i>Journal of the National Cancer Institute</i> , 2019, 111, 256-263.	3.0	218
7	Hybrid computational phantoms of the male and female newborn patient: NURBS-based whole-body models. <i>Physics in Medicine and Biology</i> , 2007, 52, 3309-3333.	1.6	164
8	NCICT: a computational solution to estimate organ doses for pediatric and adult patients undergoing CT scans. <i>Journal of Radiological Protection</i> , 2015, 35, 891-909.	0.6	123
9	Leukaemia and myeloid malignancy among people exposed to low doses (<100 mSv) of ionising radiation during childhood: a pooled analysis of nine historical cohort studies. <i>Lancet Haematology, the</i> , 2018, 5, e346-e358.	2.2	103
10	The UF/NCI family of hybrid computational phantoms representing the current US population of male and female children, adolescents, and adults—application to CT dosimetry. <i>Physics in Medicine and Biology</i> , 2014, 59, 5225-5242.	1.6	99
11	Organ doses for reference pediatric and adolescent patients undergoing computed tomography estimated by Monte Carlo simulation. <i>Medical Physics</i> , 2012, 39, 2129-2146.	1.6	93
12	The UF series of tomographic computational phantoms of pediatric patients. <i>Medical Physics</i> , 2005, 32, 3537-3548.	1.6	92
13	Organ doses for reference adult male and female undergoing computed tomography estimated by Monte Carlo simulations. <i>Medical Physics</i> , 2011, 38, 1196-1206.	1.6	81
14	Whole-body voxel phantoms of paediatric patients—UF Series B. <i>Physics in Medicine and Biology</i> , 2006, 51, 4649-4661.	1.6	77
15	Response functions for computing absorbed dose to skeletal tissues from photon irradiation—an update. <i>Physics in Medicine and Biology</i> , 2011, 56, 2347-2365.	1.6	77
16	Development of the two Korean adult tomographic computational phantoms for organ dosimetry. <i>Medical Physics</i> , 2006, 33, 380-390.	1.6	76
17	HDRK-Man: a whole-body voxel model based on high-resolution color slice images of a Korean adult male cadaver. <i>Physics in Medicine and Biology</i> , 2008, 53, 4093-4106.	1.6	76
18	An image-based skeletal dosimetry model for the ICRP reference adult male—internal electron sources. <i>Physics in Medicine and Biology</i> , 2011, 56, 2309-2346.	1.6	76

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19	Hybrid computational phantoms of the 15-year male and female adolescent: Applications to CT organ dosimetry for patients of variable morphometry. <i>Medical Physics</i> , 2008, 35, 2366-2382.	1.6	70
20	Patient-Specific Dosimetry Using Pretherapy [124I]m-iodobenzylguanidine ([124I]mIBG) Dynamic PET/CT Imaging Before [131I]mIBG Targeted Radionuclide Therapy for Neuroblastoma. <i>Molecular Imaging and Biology</i> , 2015, 17, 284-294.	1.3	67
21	A Review of Radiotherapy-Induced Late Effects Research after Advanced Technology Treatments. <i>Frontiers in Oncology</i> , 2016, 6, 13.	1.3	67
22	Organ and effective doses in pediatric patients undergoing helical multislice computed tomography examination. <i>Medical Physics</i> , 2007, 34, 1858-1873.	1.6	63
23	Pragmatic randomised clinical trial of proton versus photon therapy for patients with non-metastatic breast cancer: the Radiotherapy Comparative Effectiveness (RadComp) Consortium trial protocol. <i>BMJ Open</i> , 2019, 9, e025556.	0.8	60
24	Hybrid computational phantoms for medical dose reconstruction. <i>Radiation and Environmental Biophysics</i> , 2010, 49, 155-168.	0.6	54
25	Monte Carlo simulations of adult and pediatric computed tomography exams: Validation studies of organ doses with physical phantoms. <i>Medical Physics</i> , 2013, 40, 013901.	1.6	52
26	An assessment of bone marrow and bone endosteum dosimetry methods for photon sources. <i>Physics in Medicine and Biology</i> , 2006, 51, 5391-5407.	1.6	50
27	Association Between Radioactive Iodine Treatment for Pediatric and Young Adulthood Differentiated Thyroid Cancer and Risk of Second Primary Malignancies. <i>Journal of Clinical Oncology</i> , 2022, 40, 1439-1449.	0.8	45
28	Patterns of proton therapy use in pediatric cancer management in 2016: An international survey. <i>Radiotherapy and Oncology</i> , 2019, 132, 155-161.	0.3	42
29	Leukemia and brain tumors among children after radiation exposure from CT scans: design and methodological opportunities of the Dutch Pediatric CT Study. <i>European Journal of Epidemiology</i> , 2014, 29, 293-301.	2.5	40
30	Projected cancer risks potentially related to past, current, and future practices in paediatric CT in the United Kingdom, 1990-2020. <i>British Journal of Cancer</i> , 2017, 116, 109-116.	2.9	40
31	Korean adult male voxel model KORMAN segmented from magnetic resonance images. <i>Medical Physics</i> , 2004, 31, 1017-1022.	1.6	39
32	The influence of patient size on dose conversion coefficients: a hybrid phantom study for adult cardiac catheterization. <i>Physics in Medicine and Biology</i> , 2009, 54, 3613-3629.	1.6	39
33	Hybrid Patient-Dependent Phantoms Covering Statistical Distributions of Body Morphometry in the U.S. Adult and Pediatric Population. <i>Proceedings of the IEEE</i> , 2009, 97, 2060-2075.	16.4	38
34	NURBS-based 3-d anthropomorphic computational phantoms for radiation dosimetry applications. <i>Radiation Protection Dosimetry</i> , 2007, 127, 227-232.	0.4	35
35	Comparison of internal dosimetry factors for three classes of adult computational phantoms with emphasis on I-131 in the thyroid. <i>Physics in Medicine and Biology</i> , 2011, 56, 7317-7335.	1.6	34
36	Kilovoltage stereotactic radiosurgery for age-related macular degeneration: Assessment of optic nerve dose and patient effective dose. <i>Medical Physics</i> , 2009, 36, 3671-3681.	1.6	33

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37	SAR calculations from 20 MHz to 6 GHz in the University of Florida newborn voxel phantom and their implications for dosimetry. <i>Physics in Medicine and Biology</i> , 2010, 55, 1519-1530.	1.6	32
38	Assessing Organ Doses from Paediatric CT Scans – A Novel Approach for an Epidemiology Study (the Tj ETQq0 0 0 rgBT / Overlock 10 T	1.25	32
39	BODY SIZE-SPECIFIC EFFECTIVE DOSE CONVERSION COEFFICIENTS FOR CT SCANS. <i>Radiation Protection Dosimetry</i> , 2016, 172, 428-437.	0.4	32
40	Reduction in radiation doses from paediatric CT scans in Great Britain. <i>British Journal of Radiology</i> , 2016, 89, 20150305.	1.0	32
41	Organ doses evaluation for chest computed tomography procedures with TL dosimeters: Comparison with Monte Carlo simulations. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 308-320.	0.8	32
42	Organ and effective doses in newborn patients during helical multislice computed tomography examination. <i>Physics in Medicine and Biology</i> , 2006, 51, 5151-5166.	1.6	29
43	Age-dependent organ and effective dose coefficients for external photons: a comparison of stylized and voxel-based paediatric phantoms. <i>Physics in Medicine and Biology</i> , 2006, 51, 4663-4688.	1.6	29
44	Dosimetry characterization of a multibeam radiotherapy treatment for age-related macular degeneration. <i>Medical Physics</i> , 2008, 35, 5151-5160.	1.6	29
45	CT Scans in Young People in Great Britain: Temporal and Descriptive Patterns, 1993 – 2002. <i>Radiology Research and Practice</i> , 2012, 2012, 1-8.	0.6	29
46	HYBRID COMPUTATIONAL PHANTOMS REPRESENTING THE REFERENCE ADULT MALE AND ADULT FEMALE. <i>Health Physics</i> , 2012, 102, 292-304.	0.3	29
47	Incorporation of detailed eye model into polygon-mesh versions of ICRP-110 reference phantoms. <i>Physics in Medicine and Biology</i> , 2015, 60, 8695-8707.	1.6	29
48	Reconstruction of organ dose for external radiotherapy patients in retrospective epidemiologic studies. <i>Physics in Medicine and Biology</i> , 2015, 60, 2309-2324.	1.6	27
49	Computational lymphatic node models in pediatric and adult hybrid phantoms for radiation dosimetry. <i>Physics in Medicine and Biology</i> , 2013, 58, N59-N82.	1.6	26
50	Cancer incidence among children and young adults who have undergone x-ray guided cardiac catheterization procedures. <i>European Journal of Epidemiology</i> , 2018, 33, 393-401.	2.5	26
51	An image-based skeletal tissue model for the ICRP reference newborn. <i>Physics in Medicine and Biology</i> , 2009, 54, 4497-4531.	1.6	25
52	An image-based skeletal dosimetry model for the ICRP reference newborn – internal electron sources. <i>Physics in Medicine and Biology</i> , 2010, 55, 1785-1814.	1.6	23
53	Age-dependent dose conversion coefficients for external exposure to radioactive cesium in soil. <i>Journal of Nuclear Science and Technology</i> , 2016, 53, 69-81.	0.7	23
54	Pediatric radiation dosimetry for positron-emitting radionuclides using anthropomorphic phantoms. <i>Medical Physics</i> , 2013, 40, 102502.	1.6	22

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55	Anthropometric approaches and their uncertainties to assigning computational phantoms to individual patients in pediatric dosimetry studies. <i>Physics in Medicine and Biology</i> , 2008, 53, 453-471.	1.6	20
56	Internal photon and electron dosimetry of the newborn patient—a hybrid computational phantom study. <i>Physics in Medicine and Biology</i> , 2012, 57, 1433-1457.	1.6	20
57	$S$ values for $^{131}\text{I}$ based on the ICRP adult voxel phantoms. <i>Radiation Protection Dosimetry</i> , 2016, 168, 92-110.	0.4	20
58	Suggested reference values for regional blood volumes in children and adolescents. <i>Physics in Medicine and Biology</i> , 2018, 63, 155022.	1.6	19
59	Body Size—Specific Organ and Effective Doses of Chest CT Screening Examinations of the National Lung Screening Trial. <i>American Journal of Roentgenology</i> , 2017, 208, 1082-1088.	1.0	18
60	Automatic segmentation of cardiac structures for breast cancer radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 12, 44-48.	1.2	18
61	Consideration of the ICRP 2006 revised tissue weighting factors on age-dependent values of the effective dose for external photons. <i>Physics in Medicine and Biology</i> , 2007, 52, 41-58.	1.6	17
62	Database of normalised computed tomography dose index for retrospective CT dosimetry. <i>Journal of Radiological Protection</i> , 2014, 34, 363-388.	0.6	17
63	Patient radiation dose from x-ray guided endovascular aneurysm repair: a Monte Carlo approach using voxel phantoms and detailed exposure information. <i>Journal of Radiological Protection</i> , 2020, 40, 704-726.	0.6	17
64	Managing Radiation Dose from Chest CT in Patients with COVID-19. <i>Radiology</i> , 2021, 298, E158-E159.	3.6	17
65	Dose Estimation for the European Epidemiological Study on Pediatric Computed Tomography (EPI-CT). <i>Radiation Research</i> , 2021, 196, 74-99.	0.7	17
66	Dosimetric Impact of a New Computational Voxel Phantom Series for the Japanese Atomic Bomb Survivors: Children and Adults. <i>Radiation Research</i> , 2019, 191, 369.	0.7	17
67	Childhood cancer risks estimates following CT scans: an update of the French CT cohort study. <i>European Radiology</i> , 2022, 32, 5491-5498.	2.3	17
68	GUIDANCE ON THE USE OF HANDHELD SURVEY METERS FOR RADIOLOGICAL TRIAGE. <i>Health Physics</i> , 2012, 102, 305-325.	0.3	15
69	Personalized Technologist Dose Audit Feedback for Reducing Patient Radiation Exposure From CT. <i>Journal of the American College of Radiology</i> , 2014, 11, 300-308.	0.9	15
70	Individual radiation exposure from computed tomography: a survey of paediatric practice in French university hospitals, 2010—2013. <i>European Radiology</i> , 2018, 28, 630-641.	2.3	15
71	Subtle excess in lifetime cancer risk related to CT scanning in Spanish young people. <i>Environment International</i> , 2018, 120, 1-10.	4.8	15
72	How to estimate effective dose for CT patients. <i>European Radiology</i> , 2020, 30, 1825-1827.	2.3	15

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73	Dosimetric Impact of a New Computational Voxel Phantom Series for the Japanese Atomic Bomb Survivors: Pregnant Females. <i>Radiation Research</i> , 2019, 192, 538.	0.7	14
74	Organ S values and effective doses for family members exposed to adult patients following I-131 treatment: A Monte Carlo simulation study. <i>Medical Physics</i> , 2013, 40, 083901.	1.6	13
75	Trends in Occupational Radiation Doses for U.S. Radiologic Technologists Performing General Radiologic and Nuclear Medicine Procedures, 1980–2015. <i>Radiology</i> , 2021, 300, 605-612.	3.6	13
76	Calculation of Organ Doses for a Large Number of Patients Undergoing CT Examinations. <i>American Journal of Roentgenology</i> , 2015, 205, 827-833.	1.0	12
77	ESTIMATION OF ORGAN DOSES AMONG DIAGNOSTIC MEDICAL RADIATION WORKERS IN SOUTH KOREA. <i>Radiation Protection Dosimetry</i> , 2018, 179, 142-150.	0.4	12
78	A Monte Carlo model for organ dose reconstruction of patients in pencil beam scanning (PBS) proton therapy for epidemiologic studies of late effects. <i>Journal of Radiological Protection</i> , 2020, 40, 225-242.	0.6	12
79	Prediction of the location and size of the stomach using patient characteristics for retrospective radiation dose estimation following radiotherapy. <i>Physics in Medicine and Biology</i> , 2013, 58, 8739-8753.	1.6	11
80	Lens Dose Reduction by Patient Posture Modification During Neck CT. <i>American Journal of Roentgenology</i> , 2018, 210, 1111-1117.	1.0	11
81	Conversion of computational human phantoms into DICOM-RT for normal tissue dose assessment in radiotherapy patients. <i>Physics in Medicine and Biology</i> , 2019, 64, 13NT02.	1.6	11
82	Fabrication of a pediatric torso phantom with multiple tissues represented using a dual nozzle thermoplastic 3D printer. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 226-236.	0.8	11
83	Applicability of dose conversion coefficients of ICRP 74 to Asian adult males: Monte Carlo simulation study. <i>Applied Radiation and Isotopes</i> , 2007, 65, 593-598.	0.7	10
84	Influence of eye size and beam entry angle on dose to non-targeted tissues of the eye during stereotactic x-ray radiosurgery of AMD. <i>Physics in Medicine and Biology</i> , 2013, 58, 6887-6896.	1.6	10
85	Nuclear Medicine Practices in the 1950s through the Mid-1970s and Occupational Radiation Doses to Technologists from Diagnostic Radioisotope Procedures. <i>Health Physics</i> , 2014, 107, 300-310.	0.3	10
86	Patient characteristics associated with differences in radiation exposure from pediatric abdomen-pelvis CT scans: a quantile regression analysis. <i>Computers in Biology and Medicine</i> , 2017, 85, 7-12.	3.9	10
87	Simulation study of personal dose equivalent for external exposure to radioactive cesium distributed in soil. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 1018-1027.	0.7	10
88	A Novel Method to Extend a Partial-Body CT for the Reconstruction of Dose to Organs beyond the Scan Range. <i>Radiation Research</i> , 2018, 189, 618-626.	0.7	9
89	ORGAN DOSE ESTIMATION ACCOUNTING FOR UNCERTAINTY FOR PEDIATRIC AND YOUNG ADULT CT SCANS IN THE UNITED KINGDOM. <i>Radiation Protection Dosimetry</i> , 2019, 184, 44-53.	0.4	9
90	The effect of unrealistic thyroid vertical position on thyroid dose in the MIRD phantom. <i>Medical Physics</i> , 2004, 31, 2038-2041.	1.6	8

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91	Organ and effective dose conversion coefficients for a sitting female hybrid computational phantom exposed to monoenergetic protons in idealized irradiation geometries. <i>Physics in Medicine and Biology</i> , 2014, 59, 7957-8003.	1.6	8
92	Specific absorbed fractions for a revised series of the UF/NCI pediatric reference phantoms: internal photon sources. <i>Physics in Medicine and Biology</i> , 2021, 66, 035006.	1.6	8
93	Application of an automatic segmentation method for evaluating cardiac structure doses received by breast radiotherapy patients. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 19, 138-144.	1.2	8
94	A practical guideline for the release of patients treated by I-131 based on Monte Carlo dose calculations for family members. <i>Journal of Radiological Protection</i> , 2014, 34, N7-N17.	0.6	7
95	Cumulative Radiation Exposures from CT Screening and Surveillance Strategies for von Hippel-Lindau-associated Solid Pancreatic Tumors. <i>Radiology</i> , 2019, 290, 116-124.	3.6	7
96	NCINM: organ dose calculator for patients undergoing nuclear medicine procedures. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 055010.	0.6	7
97	Development and validation of an age-scalable cardiac model with substructures for dosimetry in late-effects studies of childhood cancer survivors. <i>Radiotherapy and Oncology</i> , 2020, 153, 163-171.	0.3	7
98	Lymphoma and multiple myeloma in cohorts of persons exposed to ionising radiation at a young age. <i>Leukemia</i> , 2021, 35, 2906-2916.	3.3	7
99	On the need to revise the arm structure in stylized anthropomorphic phantoms in lateral photon irradiation geometry. <i>Physics in Medicine and Biology</i> , 2006, 51, N393-N402.	1.6	6
100	An Algorithm for Lymphatic Node Placement in Hybrid Computational Phantoms Applications to Radionuclide Therapy Dosimetry. <i>Proceedings of the IEEE</i> , 2009, 97, 2098-2108.	16.4	6
101	Effective dose conversion coefficients for health care provider exposed to pediatric and adult victims in radiological dispersal device incident. <i>Journal of Radiological Protection</i> , 2015, 35, 37-45.	0.6	6
102	Assessment of radiation dose in nuclear cardiovascular imaging using realistic computational models. <i>Medical Physics</i> , 2015, 42, 2955-2966.	1.6	6
103	KOREAN PEDIATRIC AND ADULT HEAD COMPUTATIONAL PHANTOMS AND APPLICATION TO PHOTON SPECIFIC ABSORBED FRACTIONS CALCULATIONS. <i>Radiation Protection Dosimetry</i> , 2017, 176, 294-301.	0.4	6
104	A NOVEL METHOD TO ESTIMATE LYMPHOCYTE DOSE AND APPLICATION TO PEDIATRIC AND YOUNG ADULT CT PATIENTS IN THE UNITED KINGDOM. <i>Radiation Protection Dosimetry</i> , 2018, 178, 116-121.	0.4	6
105	Feasibility and accuracy of UF/NCI phantoms and Monte Carlo retrospective dosimetry in children treated on National Wilms Tumor Study protocols. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27395.	0.8	6
106	Dose coefficients of percentile-specific computational phantoms for photon external exposures. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 151-160.	0.6	6
107	Specific absorbed fractions for a revised series of the UF/NCI pediatric reference phantoms: internal electron sources. <i>Physics in Medicine and Biology</i> , 2021, 66, 035005.	1.6	6
108	The HARMONIC project: Study design for assessment of cancer risks following cardiac fluoroscopy in childhood. <i>Journal of Radiological Protection</i> , 2020, , .	0.6	6

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109	Reconstruction of paediatric organ doses from axial CT scans performed in the 1990s – range of doses as input to uncertainty estimates. <i>European Radiology</i> , 2016, 26, 3026-3033.	2.3	5
110	Disparities in Radiation Burden from Trauma Evaluation at Pediatric Versus Nonpediatric Institutions. <i>Journal of Surgical Research</i> , 2018, 232, 475-483.	0.8	5
111	INVESTIGATION OF THE INFLUENCE OF THYROID LOCATION ON IODINE-131 VALUES. <i>Radiation Protection Dosimetry</i> , 2020, 189, 163-171.	0.4	5
112	Dosimetric Impact of a New Computational Voxel Phantom Series for the Japanese Atomic Bomb Survivors: Methodological Improvements and Organ Dose Response Functions. <i>Radiation Research</i> , 2020, 194, 390-402.	0.7	5
113	Japanese pediatric and adult atomic bomb survivor dosimetry: potential improvements using the J45 phantom series and modern Monte Carlo transport. <i>Radiation and Environmental Biophysics</i> , 2022, 61, 73-86.	0.6	5
114	Fetal dose from proton pencil beam scanning craniospinal irradiation during pregnancy: a Monte Carlo study. <i>Physics in Medicine and Biology</i> , 2022, 67, 035003.	1.6	5
115	Body-weight dependent dose coefficients for adults exposed to idealised external photon fields. <i>Journal of Radiological Protection</i> , 2018, 38, 1441-1453.	0.6	4
116	A Feasibility Study to Reduce Misclassification Error in Occupational Dose Estimates for Epidemiological Studies Using Body Size-Dependent Computational Phantoms. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 83-88.	2.7	4
117	S VALUES FOR NEUROIMAGING PROCEDURES ON KOREAN PEDIATRIC AND ADULT HEAD COMPUTATIONAL PHANTOMS. <i>Radiation Protection Dosimetry</i> , 2019, 185, 168-175.	0.4	4
118	Automatic Mapping of CT Scan Locations on Computational Human Phantoms for Organ Dose Estimation. <i>Journal of Digital Imaging</i> , 2019, 32, 175-182.	1.6	4
119	Adult patient-specific CT organ dose estimations using automated segmentations and Monte Carlo simulations. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 045016.	0.6	4
120	Development of whole-body representation and dose calculation in a commercial treatment planning system. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, 32, 159-172.	0.6	4
121	CT DOSIMETRY FOR THE AUSTRALIAN COHORT DATA LINKAGE STUDY. <i>Radiation Protection Dosimetry</i> , 2020, 191, 423-438.	0.4	4
122	TEDE per cumulated activity for family members exposed to adult patients treated with 131I. <i>Radiation Protection Dosimetry</i> , 2013, 153, 448-456.	0.4	3
123	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
124	Evolving Strategies in Epidemiologic Research on Radiation and Cancer. <i>Radiation Research</i> , 2011, 176, 527-532.	0.7	2
125	Suggestion of reduced cancer risks following cardiac x-ray exposures is unconvincing. <i>European Journal of Epidemiology</i> , 2018, 33, 427-428.	2.5	2
126	Dosimetric impact of voxel resolutions of computational human phantoms for external photon exposure. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 065002.	0.6	2



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127	Implementation of Japanese Male and Female Tomographic Phantoms to Multi-particle Monte Carlo Code for Ionizing Radiation Dosimetry. , 0, .		2
128	How to identify high radiation burden from computed tomography: an example in obese children. Journal of Surgical Research, 2017, 217, 54-62.e3.	0.8	1
129	Organ Doses from Chest Radiographs in Tuberculosis Patients in Canada and Their Uncertainties in Periods from 1930 to 1969. Health Physics, 2020, 119, 176-191.	0.3	1
130	Fluoroscopy X-Ray Organ-Specific Dosimetry System (FLUXOR) for Estimation of Organ Doses and Their Uncertainties in the Canadian Fluoroscopy Cohort Study. Radiation Research, 2021, 195, 385-396.	0.7	1
131	Dose quantities for measurement and comparison of doses to individual patients in computed tomography (CT). Journal of Radiological Protection, 2021, 41, .	0.6	1
132	Extensive study of radiation dose on human body at aviation altitude through Monte Carlo simulation. Life Sciences in Space Research, 2021, 31, 1-13.	1.2	1
133	Organ Absorbed Doses and Effective Doses to the Patient and the Medical Staff in Interventional Radiology Calculated from Voxel Phantom. Journal of Nuclear Science and Technology, 2008, 45, 309-312.	0.7	0
134	Development of Deformable Computational Model for Korean Adult Male Based on Polygon and NURBS Surfaces. Nuclear Technology, 2009, 168, 227-230.	0.7	0
135	Hybrid computational phantoms for medical dose reconstruction: Response to Kramer and Cassola. Radiation and Environmental Biophysics, 2010, 49, 501-502.	0.6	0
136	Evaluation of the use of surrogate tissues for calculating radiation dose to lymphatic nodes from external photon beams. Radiation Protection Dosimetry, 2013, 157, 600-609.	0.4	0
137	Conversion factors to derive organ doses for canine subjects undergoing CT examinations. Veterinary Radiology and Ultrasound, 2021, 62, 421-428.	0.4	0
138	Body region-specific 3D age-scaling functions for scaling whole-body computed tomography anatomy for pediatric late effects studies. Biomedical Physics and Engineering Express, 2022, 8, 025010.	0.6	0
139	Reply to P. PetranoviÄ‡ OvÄ‡ariÄ‡ek et al. Journal of Clinical Oncology, 0, , .	0.8	0