

Sakae Kinase

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Prediction of Ambient Dose Equivalent Rates for 30 Years after the Fukushima Accident and its Technological Development. , 2021, , 89-98.		0
2	Evaluation of Averted Doses to Infants by Tap Water Restrictions after the Fukushima Daiichi Nuclear Power Plant Accident. , 2021, , 6-10.		0
3	Estimation of Radionuclide Intakes by Singular Value Decomposition. , 2021, , 501-508.		0
4	Summary of temporal changes in air dose rates and radionuclide deposition densities in the 80km zone over five years after the Fukushima Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2019, 210, 105878.	1.7	45
5	Temporal Change in Radiological Environments on Land after the Fukushima Daiichi Nuclear Power Plant Accident. Journal of Radiation Protection and Research, 2019, 44, 128-148.	0.6	11
6	Long-term predictions of ambient dose equivalent rates after the Fukushima Daiichi nuclear power plant accident. Journal of Nuclear Science and Technology, 2017, 54, 1345-1354.	1.3	27
7	Estimation of Radionuclide Intakes by Singular Value Decomposition. Transactions of the Atomic Energy Society of Japan, 2016, 15, 146-150.	0.3	0
8	Changes in ambient dose equivalent rates around roads at Kawamata town after the Fukushima accident. Radiation Protection Dosimetry, 2015, 167, 340-343.	0.8	8
9	EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of AM-241 in skull phantoms (Part II and III).. Radiation Physics and Chemistry, 2015, 113, 59-71.	2.8	13
10	Radiation protection issues on preparedness and response for a severe nuclear accident: experiences of the Fukushima accident. Annals of the ICRP, 2015, 44, 347-356.	3.8	4
11	Development of prediction models for radioactive caesium distribution within the 80-km radius of the Fukushima Daiichi nuclear power plant. Radiation Protection Dosimetry, 2014, 160, 318-321.	0.8	39
12	Evaluation of retention and excretion function to members of the public for chronic intakes of radionuclides. Progress in Nuclear Science and Technology, 2014, 4, 36-38.	0.3	0
13	Evaluation of averted doses to members of the Public by tap water restrictions after the Fukushima Daiichi Nuclear Power Plant accident. Progress in Nuclear Science and Technology, 2014, 4, 5-8.	0.3	0
14	Development of internal dosimetry evaluation code for chronic exposure after intake of radionuclides. Progress in Nuclear Science and Technology, 2014, 4, 60-63.	0.3	0
15	Assessment of Olfactory Nerve by SPECT-MRI Image with Nasal Thallium-201 Administration in Patients with Olfactory Impairments in Comparison to Healthy Volunteers. PLoS ONE, 2013, 8, e57671.	2.5	29
16	Evaluation of absorbed doses in voxel-based and simplified models for small animals. Radiation Protection Dosimetry, 2012, 150, 283-291.	0.8	11
17	Monte Carlo modelling for the in vivo lung monitoring of enriched uranium: Results of an international comparison. Radiation Measurements, 2012, 47, 492-500.	1.4	25
18	Using ICRP/ICRU Voxel Models to Evaluate Specific Absorbed Fractions. Progress in Nuclear Science and Technology, 2012, 3, 69-71.	0.3	0

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19	Assessment of Doses from External Exposure in Contaminated Areas Resulting from the Fukushima Daiichi Nuclear Power Plant Accident. <i>Progress in Nuclear Science and Technology</i> , 2012, 3, 25-29.	0.3	0
20	A Preliminary Dose Assessment for the Population in an Area outside the 30 km Zone after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Progress in Nuclear Science and Technology</i> , 2012, 3, 19-24.	0.3	0
21	Computer simulations for internal dosimetry using voxel models. <i>Radiation Protection Dosimetry</i> , 2011, 146, 191-194.	0.8	4
22	Evaluation of counting efficiencies of a whole-body counter using Monte Carlo simulation with voxel phantoms. <i>Radiation Protection Dosimetry</i> , 2011, 144, 407-410.	0.8	16
23	Influence of voxel size on specific absorbed fractions and S-values in a mouse voxel phantom. <i>Radiation Protection Dosimetry</i> , 2011, 143, 258-263.	0.8	16
24	Monte Carlo Simulations of Photon Specific Absorbed Fractions in a Mouse Voxel Phantom. <i>Progress in Nuclear Science and Technology</i> , 2011, 1, 126-129.	0.3	13
25	Comparison of Photon and Electron Absorbed Fractions in Voxel-Based and Simplified Phantoms for Small Animals. <i>Progress in Nuclear Science and Technology</i> , 2011, 2, 365-368.	0.3	9
26	Evaluation of Averted Doses to Infants by Tap Water Restrictions after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Transactions of the Atomic Energy Society of Japan</i> , 2011, 10, 149-151.	0.3	2
27	Electron Absorbed Fractions and S Values in a Voxel-based Mouse Phantom. <i>Radioisotopes</i> , 2011, 60, 505-512.	0.2	5
28	Monte Carlo Simulations of Photon Absorbed Fractions in a Frog Voxel Phantom. <i>Proceedings of the IEEE</i> , 2009, 97, 2086-2097.	21.3	7
29	Interspecies Scaling of Self-Organ Doses from a Voxel Mouse to Voxel Humans. <i>Nuclear Technology</i> , 2009, 168, 154-157.	1.2	6
30	Recent Progress on Japanese Voxel Phantoms and Related Techniques at JAEA. <i>Nuclear Technology</i> , 2009, 168, 213-219.	1.2	2
31	Japanese Computational Phantoms. <i>Series in Medical Physics and Biomedical Engineering</i> , 2009, , 221-253.	0.1	1
32	Monte Carlo modelling of Germanium detectors for the measurement of low energy photons in internal dosimetry: Results of an international comparison. <i>Radiation Measurements</i> , 2008, 43, 510-515.	1.4	28
33	Evaluation of Self-Absorbed Doses for the Kidneys of a Voxel Mouse. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 268-270.	1.3	8
34	Voxel-Based Frog Phantom for Internal Dose Evaluation. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 1049-1052.	1.3	24
35	Voxel-Based Frog Phantom for Internal Dose Evaluation. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 1049-1052.	1.3	6
36	Development of the Lung Set for the JAERI Phantom and Evaluation of Counting Efficiencies of a Lung Monitor. <i>Japanese Journal of Health Physics</i> , 2008, 43, 278-281.	0.1	0

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37	Evaluation of self-dose S values for positron emitters in voxel phantoms. Radiation Protection Dosimetry, 2007, 127, 197-200.	0.8	5
38	Report on the Expert Committee on Development and Utilization of Phantoms II. Japanese Journal of Health Physics, 2007, 42, 38-52.	0.1	0
39	Application of voxel phantoms and Monte Carlo method to whole-body counter calibration. Radiation Protection Dosimetry, 2006, 125, 189-193.	0.8	19
40	Report on the Expert Committee on Development and Utilization of Phantoms (I). Japanese Journal of Health Physics, 2006, 41, 158-168.	0.1	0
41	Evaluation of Absorbed Doses for Photon and Electron to the Urinary Bladder Wall Considering Radiosensitive Cells. Radioisotopes, 2006, 55, 719-725.	0.2	0
42	Development of lung and soft tissue substitutes for photons. Radiation Protection Dosimetry, 2005, 115, 284-288.	0.8	11
43	Title is missing!. Japanese Journal of Health Physics, 2005, 40, 360-364.	0.1	0
44	Application of a Ge semi-conductor detector to whole-body counter. Radiation Protection Dosimetry, 2003, 105, 467-472.	0.8	5
45	Evaluation of specific absorbed fractions in voxel phantoms using Monte Carlo simulation. Radiation Protection Dosimetry, 2003, 105, 557-563.	0.8	42
46	Development of Skeletal Substitute Materials. Radioisotopes, 2003, 52, 277-284.	0.2	4
47	Counting Efficiency of the Lung Monitor for ²⁴¹ Am. Radioisotopes, 2003, 52, 378-382.	0.2	1
48	Uncertainties in Estimated Body Burdens of Caesium-137 by Whole-body Counting. Radiation Protection Dosimetry, 2001, 93, 341-345.	0.8	0
49	Evaluation of Counting Efficiency of a Whole-body Counter using the EGS4 Code. Journal of Nuclear Science and Technology, 2000, 37, 1103-1107.	1.3	1
50	Title is missing!. Japanese Journal of Health Physics, 2000, 35, 443-447.	0.1	0
51	Correction Factor for Potassium-40 Whole-body Counting. Journal of Nuclear Science and Technology, 1999, 36, 952-956.	1.3	7
52	Evaluation of Response of Whole-body Counter using the EGS4 Code. Journal of Nuclear Science and Technology, 1998, 35, 958-962.	1.3	6
53	Evaluation of Response of Whole-body Counter using the EGS4 Code.. Journal of Nuclear Science and Technology, 1998, 35, 958-962.	1.3	3
54	Application of Monte Carlo Simulation and Voxel Models to Internal Dosimetry. , 0, , .		0

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55	Overview of computational frog models. , 0, , .		0
56	Overview of computational mouse models. , 0, , .		0