

Sakae Kinase

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

463
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759233

12
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752698

20
g-index

58
all docs

58
docs citations

58
times ranked

321
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. <i>Journal of Environmental Radioactivity</i> , 2019, 210, 105878. | 1.7 | 45 |
| 2 | Evaluation of specific absorbed fractions in voxel phantoms using Monte Carlo simulation. <i>Radiation Protection Dosimetry</i> , 2003, 105, 557-563. | 0.8 | 42 |
| 3 | Development of prediction models for radioactive caesium distribution within the 80-km radius of the Fukushima Daiichi nuclear power plant. <i>Radiation Protection Dosimetry</i> , 2014, 160, 318-321. | 0.8 | 39 |
| 4 | Assessment of Olfactory Nerve by SPECT-MRI Image with Nasal Thallium-201 Administration in Patients with Olfactory Impairments in Comparison to Healthy Volunteers. <i>PLoS ONE</i> , 2013, 8, e57671. | 2.5 | 29 |
| 5 | 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 |
| 6 | Long-term predictions of ambient dose equivalent rates after the Fukushima Daiichi nuclear power plant accident. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 1345-1354. | 1.3 | 27 |
| 7 | Monte Carlo modelling for the in vivo lung monitoring of enriched uranium: Results of an international comparison. <i>Radiation Measurements</i> , 2012, 47, 492-500. | 1.4 | 25 |
| 8 | Voxel-Based Frog Phantom for Internal Dose Evaluation. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 1049-1052. | 1.3 | 24 |
| 9 | Application of voxel phantoms and Monte Carlo method to whole-body counter calibration. <i>Radiation Protection Dosimetry</i> , 2006, 125, 189-193. | 0.8 | 19 |
| 10 | 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 |
| 11 | 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 |
| 12 | EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of AM-241 in skull phantoms (Part II and III).. <i>Radiation Physics and Chemistry</i> , 2015, 113, 59-71. | 2.8 | 13 |
| 13 | 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 |
| 14 | Development of lung and soft tissue substitutes for photons. <i>Radiation Protection Dosimetry</i> , 2005, 115, 284-288. | 0.8 | 11 |
| 15 | Evaluation of absorbed doses in voxel-based and simplified models for small animals. <i>Radiation Protection Dosimetry</i> , 2012, 150, 283-291. | 0.8 | 11 |
| 16 | Temporal Change in Radiological Environments on Land after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Journal of Radiation Protection and Research</i> , 2019, 44, 128-148. | 0.6 | 11 |
| 17 | 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 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | Changes in ambient dose equivalent rates around roads at Kawamata town after the Fukushima accident. <i>Radiation Protection Dosimetry</i> , 2015, 167, 340-343. | 0.8 | 8 |
| 20 | Correction Factor for Potassium-40 Whole-body Counting. <i>Journal of Nuclear Science and Technology</i> , 1999, 36, 952-956. | 1.3 | 7 |
| 21 | 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 |
| 22 | Evaluation of Response of Whole-body Counter using the EGS4 Code. <i>Journal of Nuclear Science and Technology</i> , 1998, 35, 958-962. | 1.3 | 6 |
| 23 | Interspecies Scaling of Self-Organ Doses from a Voxel Mouse to Voxel Humans. <i>Nuclear Technology</i> , 2009, 168, 154-157. | 1.2 | 6 |
| 24 | Voxel-Based Frog Phantom for Internal Dose Evaluation. <i>Journal of Nuclear Science and Technology</i> , 2008, 45, 1049-1052. | 1.3 | 6 |
| 25 | Application of a Ge semi-conductor detector to whole-body counter. <i>Radiation Protection Dosimetry</i> , 2003, 105, 467-472. | 0.8 | 5 |
| 26 | Evaluation of self-dose S values for positron emitters in voxel phantoms. <i>Radiation Protection Dosimetry</i> , 2007, 127, 197-200. | 0.8 | 5 |
| 27 | Electron Absorbed Fractions and S Values in a Voxel-based Mouse Phantom. <i>Radioisotopes</i> , 2011, 60, 505-512. | 0.2 | 5 |
| 28 | Development of Skeletal Substitute Materials. <i>Radioisotopes</i> , 2003, 52, 277-284. | 0.2 | 4 |
| 29 | Computer simulations for internal dosimetry using voxel models. <i>Radiation Protection Dosimetry</i> , 2011, 146, 191-194. | 0.8 | 4 |
| 30 | Radiation protection issues on preparedness and response for a severe nuclear accident: experiences of the Fukushima accident. <i>Annals of the ICRP</i> , 2015, 44, 347-356. | 3.8 | 4 |
| 31 | Evaluation of Response of Whole-body Counter using the EGS4 Code.. <i>Journal of Nuclear Science and Technology</i> , 1998, 35, 958-962. | 1.3 | 3 |
| 32 | Recent Progress on Japanese Voxel Phantoms and Related Techniques at JAEA. <i>Nuclear Technology</i> , 2009, 168, 213-219. | 1.2 | 2 |
| 33 | 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 |
| 34 | Evaluation of Counting Efficiency of a Whole-body Counter using the EGS4 Code. <i>Journal of Nuclear Science and Technology</i> , 2000, 37, 1103-1107. | 1.3 | 1 |
| 35 | Japanese Computational Phantoms. <i>Series in Medical Physics and Biomedical Engineering</i> , 2009, , 221-253. | 0.1 | 1 |
| 36 | Counting Efficiency of the Lung Monitor for ²⁴¹ Am. <i>Radioisotopes</i> , 2003, 52, 378-382. | 0.2 | 1 |

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|----|--|-----|-----------|
| 37 | Uncertainties in Estimated Body Burdens of Caesium-137 by Whole-body Counting. Radiation Protection Dosimetry, 2001, 93, 341-345. | 0.8 | 0 |
| 38 | Estimation of Radionuclide Intakes by Singular Value Decomposition. Transactions of the Atomic Energy Society of Japan, 2016, 15, 146-150. | 0.3 | 0 |
| 39 | Prediction of Ambient Dose Equivalent Rates for 30 Years after the Fukushima Accident and its Technological Development. , 2021, , 89-98. | | 0 |
| 40 | Evaluation of Averted Doses to Infants by Tap Water Restrictions after the Fukushima Daiichi Nuclear Power Plant Accident. , 2021, , 6-10. | | 0 |
| 41 | Estimation of Radionuclide Intakes by Singular Value Decomposition. , 2021, , 501-508. | | 0 |
| 42 | Title is missing!. Japanese Journal of Health Physics, 2000, 35, 443-447. | 0.1 | 0 |
| 43 | Title is missing!. Japanese Journal of Health Physics, 2005, 40, 360-364. | 0.1 | 0 |
| 44 | Report on the Expert Committee on Development and Utilization of Phantoms (I). Japanese Journal of Health Physics, 2006, 41, 158-168. | 0.1 | 0 |
| 45 | Evaluation of Absorbed Doses for Photon and Electron to the Urinary Bladder Wall Considering Radiosensitive Cells. Radioisotopes, 2006, 55, 719-725. | 0.2 | 0 |
| 46 | Report on the Expert Committee on Development and Utilization of Phantoms II. Japanese Journal of Health Physics, 2007, 42, 38-52. | 0.1 | 0 |
| 47 | Development of the Lung Set for the JAERI Phantom and Evaluation of Counting Efficiencies of a Lung Monitor. Japanese Journal of Health Physics, 2008, 43, 278-281. | 0.1 | 0 |
| 48 | Application of Monte Carlo Simulation and Voxel Models to Internal Dosimetry. , 0, , . | | 0 |
| 49 | Using ICRP/ICRU Voxel Models to Evaluate Specific Absorbed Fractions. Progress in Nuclear Science and Technology, 2012, 3, 69-71. | 0.3 | 0 |
| 50 | Assessment of Doses from External Exposure in Contaminated Areas Resulting from the Fukushima Daiichi Nuclear Power Plant Accident. Progress in Nuclear Science and Technology, 2012, 3, 25-29. | 0.3 | 0 |
| 51 | A Preliminary Dose Assessment for the Population in an Area outside the 30 km Zone after the Fukushima Daiichi Nuclear Power Plant Accident. Progress in Nuclear Science and Technology, 2012, 3, 19-24. | 0.3 | 0 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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