

Satoru Endo

List of Publications by Year in descending order

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188
papers

2,747
citations

236833

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h-index

254106

43
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192
all docs

192
docs citations

192
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of spatial fluence distribution of neutrons and gamma rays using MAGAT-type gel detector doped with LiCl for BNCT at Kyoto University Reactor. <i>Journal of Physics: Conference Series</i> , 2022, 2167, 012006.	0.3	0
2	Double differential cross sections of neutron production by 135 and 180 MeV protons on A-150 tissue-equivalent plastic. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021, 487, 38-44.	0.6	3
3	35 years after the Chernobyl NPP accident: methods of retrospective dosimetry in assessing of the consequences of large-scale uncontrolled radiation exposures, their subsequent development and application in oncoradiology (experience of A. Tsyb MRRC). <i>Radiation and Risk</i> , 2021, 30, 7-24.	0.1	0
4	Development of a real-time neutron beam detector for boron neutron capture therapy using a thin silicon sensor. <i>Applied Radiation and Isotopes</i> , 2021, 176, 109856.	0.7	4
5	Spectrometer design of low energy neutrons for boron neutron capture therapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1020, 165848.	0.7	1
6	Temporal variation of atmospheric ⁷ Be and ²¹⁰ Pb concentrations and their activity size distributions at Astana, Kazakhstan in Central Asia. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 663-674.	0.7	2
7	A simulation study on beam property of ¹²⁴ Sb- ¹⁰ Be isotope-based neutron for BNCT. <i>Applied Radiation and Isotopes</i> , 2020, 164, 109227.	0.7	1
8	Internal doses in experimental mice and rats following exposure to neutron-activated ⁵⁶ MnO ₂ powder: results of an international, multicenter study. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 683-692.	0.6	9
9	Evaluation of PHITS for microdosimetry in BNCT to support radiobiological research. <i>Applied Radiation and Isotopes</i> , 2020, 161, 109148.	0.7	18
10	Internal exposure rate conversion coefficients and absorbed fractions of mouse for ¹³⁷ Cs, ¹³⁴ Cs and ⁹⁰ Sr contamination in body. <i>Journal of Radiation Research</i> , 2020, 61, 535-545.	0.8	3
11	External exposure dose estimation by electron spin resonance technique for wild Japanese macaque captured in Fukushima Prefecture. <i>Radiation Measurements</i> , 2020, 134, 106315.	0.7	5
12	Characterization of a real-time neutron detector for boron neutron capture therapy using a thin silicon diode. <i>Radiation Measurements</i> , 2020, 137, 106381.	0.7	2
13	Comparison of aluminum and manganese concentration in Akmola region, Kazakhstan. <i>Eurasian Journal of Physics and Functional Materials</i> , 2020, 4, 29-37.	0.2	0
14	Preliminary assessment of dose distribution on the spatial micro level for internal exposure of alveolar epithelium of rats by ⁵⁶ Mn. <i>Bulletin of the Karaganda University Physics Series</i> , 2019, 95, 59-63.	0.1	1
15	Light output due to cosmic-ray muons for an EJ301 scintillator of 12.7 cm in diameter and length. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 880, 53-57.	0.7	4
16	Determination of radiocesium depth profile by unfolding method with imaging plate. <i>Applied Radiation and Isotopes</i> , 2018, 142, 128-134.	0.7	1
17	Measurement of ⁹⁰ Sr radioactivity in cesium hot particles originating from the Fukushima Nuclear Power Plant Accident. <i>Journal of Radiation Research</i> , 2018, 59, 677-684.	0.8	10
18	Reproduction of neutron fluence by unfolding method with an NE213 scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 906, 141-149.	0.7	4

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19	An in vitro verification of strength estimation for moving an ¹²⁵ I source during implantation in brachytherapy. <i>Journal of Radiation Research</i> , 2018, 59, 484-489.	0.8	1
20	Comparison of calculated beta- and gamma-ray doses after the Fukushima accident with data from single-grain luminescence retrospective dosimetry of quartz inclusions in a brick sample. <i>Journal of Radiation Research</i> , 2018, 59, 286-290.	0.8	4
21	Neutron energy spectrum measurement using an NE213 scintillator at CHARM. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 429, 27-33.	0.6	7
22	Strength measurement of ¹²⁵ I seed in brachytherapy "before/during/ after implantation. <i>Clinical Medicine Review</i> , 2018, , .	0.0	0
23	An experience of instrumental estimation of cumulative external doses using single grain luminescence retrospective dosimetry method with quartz containing samples from Fukushima prefecture, Japan. <i>Radiation and Risk</i> , 2018, , 79-90.	0.1	0
24	Temporal changes in vertical distribution of ¹³⁷ Cs in litter and soils in mixed deciduous forests in Fukushima, Japan. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 452-458.	0.7	15
25	Internal exposure to neutron-activated ⁵⁶ Mn dioxide powder in Wistar rats: part 1: dosimetry. <i>Radiation and Environmental Biophysics</i> , 2017, 56, 47-54.	0.6	15
26	Measurement of the gamma-ray energy spectrum of the educational Kinki University Reactor (UTR-KINKI). <i>Applied Radiation and Isotopes</i> , 2017, 124, 90-92.	0.7	1
27	Non-destructive analysis of ancient bimetals swords from western Asia by ¹³⁷ Cs radiography and X-ray fluorescence. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 407, 244-255.	0.6	3
28	The sensitivity variation of the radiation induced signal in deciduous teeth to be used in ESR tooth enamel dosimetry. <i>Radiation Measurements</i> , 2017, 106, 450-454.	0.7	6
29	Determination of the thermal and epithermal neutron sensitivities of an LBO chamber. <i>Radiation and Environmental Biophysics</i> , 2017, 56, 269-276.	0.6	1
30	Computational investigation of suitable polymer gel composition for the QA of the beam components of a BNCT irradiation field. <i>Applied Radiation and Isotopes</i> , 2017, 127, 253-259.	0.7	1
31	EPR dosimetry among the population living in proximity to radioactive trace after the nuclear test on 29 August, 1949 at the Semipalatinsk nuclear test site. <i>Radiation and Risk</i> , 2017, 26, 74-83.	0.1	1
32	Analysis of Plasma Protein Concentrations and Enzyme Activities in Cattle within the Ex-Evacuation Zone of the Fukushima Daiichi Nuclear Plant Accident. <i>PLoS ONE</i> , 2016, 11, e0155069.	1.1	27
33	Triple ionization chamber method for clinical dose monitoring with a Be-covered Li BNCT field. <i>Medical Physics</i> , 2016, 43, 6049-6057.	1.6	4
34	Neutron relative biological effectiveness in Hiroshima and Nagasaki atomic bomb survivors: a critical review. <i>Journal of Radiation Research</i> , 2016, 57, 583-595.	0.8	10
35	Design study of multi-imaging plate system for BNCT irradiation field at Kyoto university reactor. <i>Applied Radiation and Isotopes</i> , 2016, 115, 212-220.	0.7	2
36	Apparatus development for measurement of ¹³⁴ Cs and ¹³⁷ Cs radioactivity of soil contaminated by the Fukushima Daiichi Nuclear Power Plant accident. <i>Applied Radiation and Isotopes</i> , 2016, 115, 4-7.	0.7	3

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37	Irradiation of laboratory animals by neutron activated dust: development and application of the method " first results of international multicenter study. <i>Radiation and Risk</i> , 2016, 25, 111-125.	0.1	5
38	Mapping of the cumulative \hat{I}^2 -ray dose on the ground surface surrounding the Fukushima area. <i>Journal of Radiation Research</i> , 2015, 56, i48-i55.	0.8	8
39	Comparison of the accident process, radioactivity release and ground contamination between Chernobyl and Fukushima-1. <i>Journal of Radiation Research</i> , 2015, 56, i56-i61.	0.8	77
40	Radiocesium accumulation in the anuran frog, <i>Rana tagoi tagoi</i> , in forest ecosystems after the Fukushima Nuclear Power Plant accident. <i>Environmental Pollution</i> , 2015, 199, 89-94.	3.7	9
41	Application of an ultraminiature thermal neutron monitor for irradiation field study of accelerator-based neutron capture therapy. <i>Journal of Radiation Research</i> , 2015, 56, 391-396.	0.8	3
42	2D-DIGE-based proteome expression changes in leaves of rice seedlings exposed to low-level gamma radiation at Iitate village, Fukushima. <i>Plant Signaling and Behavior</i> , 2015, 10, e1103406.	1.2	30
43	Measurement of spatial distribution of neutrons and gamma rays for BNCT using multi-imaging plate system. <i>Applied Radiation and Isotopes</i> , 2015, 106, 125-128.	0.7	5
44	Calculation of coincidence summing in gamma-ray spectrometry with the EGS5 code. <i>Applied Radiation and Isotopes</i> , 2015, 95, 53-58.	0.7	14
45	Estimation of \hat{A} -ray dose in air and soil from Fukushima Daiichi Power Plant accident. <i>Journal of Radiation Research</i> , 2014, 55, 476-483.	0.8	22
46	Measurement of the strength of iodine-125 seed moving at unknown speed during implantation in brachytherapy. <i>Journal of Radiation Research</i> , 2014, 55, 162-167.	0.8	3
47	Strength estimation of a moving ^{125}I source during implantation in brachytherapy: application to linked sources. <i>Journal of Radiation Research</i> , 2014, 55, 1146-1152.	0.8	1
48	A TPD and AR based comparison of accelerator neutron irradiation fields between ^7Li and W targets for BNCT. <i>Applied Radiation and Isotopes</i> , 2014, 88, 229-232.	0.7	2
49	Unraveling Low-Level Gamma Radiation-Responsive Changes in Expression of Early and Late Genes in Leaves of Rice Seedlings at Iitate Village, Fukushima. <i>Journal of Heredity</i> , 2014, 105, 723-738.	1.0	41
50	Study on detecting spatial distribution of neutrons and gamma rays using a multi-imaging plate system. <i>Applied Radiation and Isotopes</i> , 2014, 88, 143-146.	0.7	4
51	Neutron-induced ^{63}Ni activity and microscopic observation of copper samples exposed to the Hiroshima atomic bomb. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 302, 1-8.	0.6	0
52	Paddy-field contamination with ^{134}Cs and ^{137}Cs due to Fukushima Dai-ichi Nuclear Power Plant accident and soil-to-rice transfer coefficients. <i>Journal of Environmental Radioactivity</i> , 2013, 116, 59-64.	0.9	64
53	Radiation effects on the silicon semiconductor detectors for the ASTRO-H mission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 699, 225-229.	0.7	11
54	Estimation of beta-ray skin dose from exposure to fission fallout from the Hiroshima atomic bomb. <i>Radiation Protection Dosimetry</i> , 2012, 149, 84-90.	0.4	5

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55	Radiation exposure and disease questionnaires of early entrants after the Hiroshima bombing. <i>Radiation Protection Dosimetry</i> , 2012, 149, 91-96.	0.4	9
56	MEASUREMENTS OF ⁶⁰ Co IN MASSIVE STEEL SAMPLES EXPOSED TO THE HIROSHIMA ATOMIC BOMB EXPLOSION. <i>Health Physics</i> , 2012, 102, 400-409.	0.3	2
57	Early Radiation Survey of Iitate Village, Which Was Heavily Contaminated by the Fukushima Daiichi Accident, Conducted on 28 and 29 March 2011. <i>Health Physics</i> , 2012, 102, 680-686.	0.3	43
58	Isotope Ratios of ²³⁵ U/ ²³⁸ U and ¹³⁷ Cs/ ²³⁵ U in Black Rain Streaks on Plaster Wall Caused by Fallout of the Hiroshima Atomic Bomb. <i>Health Physics</i> , 2012, 102, 154-160.	0.3	7
59	Isotope Ratios of ²³⁵ U/ ²³⁸ U and ¹³⁷ Cs/ ²³⁵ U in Black Rain Streaks on Plaster Wall Caused by Fallout of the Hiroshima Atomic Bomb. <i>Health Physics</i> , 2012, 102, 467.	0.3	0
60	An early survey of the radioactive contamination of soil due to the Fukushima Dai-ichi Nuclear Power Plant accident, with emphasis on plutonium analysis. <i>Geochemical Journal</i> , 2012, 46, 341-353.	0.5	62
61	Innovative real-time and non-destructive method of beam profile measurement under large beam current irradiation for BNCT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 689, 22-28.	0.7	2
62	Distribution of ⁶⁰ Co in steel samples from Hiroshima. <i>Applied Radiation and Isotopes</i> , 2012, 70, 1974-1976.	0.7	0
63	Measurement of soil contamination by radionuclides due to the Fukushima Dai-ichi Nuclear Power Plant accident and associated estimated cumulative external dose estimation. <i>Journal of Environmental Radioactivity</i> , 2012, 111, 18-27.	0.9	153
64	Radiation doses among residents living 37 km northwest of the Fukushima Dai-ichi Nuclear Power Plant. <i>Journal of Environmental Radioactivity</i> , 2012, 110, 84-89.	0.9	47
65	Development of a portable spectrometer for lifetime determination by combining a silicon detector with a silicon photodiode. <i>Radiation Measurements</i> , 2011, 46, 793-796.	0.7	2
66	ESR dosimetry study for the residents of Kazakhstan exposed to radioactive fallout on 24, August 1956. <i>Radiation Measurements</i> , 2011, 46, 793-796.	0.7	5
67	Development of monitoring method of spatial neutron distribution in neutrons and gamma rays mixed field using imaging plate for BNCT. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1885-1887.	0.7	3
68	The influence of the Lop Nor Nuclear Weapons Test Base to the population of the Republic of Kazakhstan. <i>Radiation Measurements</i> , 2011, 46, 425-429.	0.7	4
69	pSLA2-M of <i>Streptomyces rochei</i> is a Composite Linear Plasmid Characterized by Self-Defense Genes and Homology with pSLA2-L. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1147-1153.	0.6	11
70	Microdosimetric evaluation of the neutron field for BNCT at Kyoto University reactor by using the PHITS code. <i>Radiation Protection Dosimetry</i> , 2011, 143, 528-532.	0.4	9
71	SU-E-T-395: Feasibility Study of a Novel Technique to Measure Instantly the Strength of ¹²⁵ I Seeds Being Implanted. <i>Medical Physics</i> , 2011, 38, 3578-3578.	1.6	2
72	Dosimetric verification of the anisotropic analytical algorithm in lung equivalent heterogeneities with and without bone equivalent heterogeneities. <i>Medical Physics</i> , 2010, 37, 4456-4463.	1.6	22

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73	Measurement of microdosimetric spectra produced from a 290ÂMeV/n Spread Out Bragg Peak carbon beam. <i>Radiation and Environmental Biophysics</i> , 2010, 49, 469-475.	0.6	9
74	Genome-Wide Expression Changes in <i>Saccharomyces cerevisiae</i> in Response to High-LET Ionizing Radiation. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 855-870.	1.4	11
75	Feasibility of using ²³⁶ U to reconstruct close-in fallout deposition from the Hiroshima atomic bomb. <i>Science of the Total Environment</i> , 2010, 408, 5392-5398.	3.9	39
76	Measurements of neutron distribution in neutronsâ€³-rays mixed field using imaging plate for neutron capture therapy. <i>Applied Radiation and Isotopes</i> , 2010, 68, 207-210.	0.7	7
77	Dose Rate Estimation Around a ⁶⁰ Co ^{Î³} -ray Irradiation Source by Means of ¹¹⁵ mIn Photoactivation. <i>Journal of Radiation Research</i> , 2010, 51, 197-203.	0.8	4
78	Measurement of Uranium, Radium and Radon Concentration in Ground Water Sampled over Hiroshima Prefecture, Japan. <i>Radioisotopes</i> , 2010, 59, 163-171.	0.1	2
79	Microdosimetry on a Mini-Reactor UTR-KINKI for Educational Uses and Biological Researches. <i>Journal of Radiation Research</i> , 2009, 50, 83-87.	0.8	5
80	Radiation Dose Measurement by Electron Spin Resonance Studies of Tooth Enamel in Lime and Non-lime Consuming Individuals from the Silchar Region of Northeast India. <i>Journal of Radiation Research</i> , 2009, 50, 559-565.	0.8	0
81	Ultra Low-Dose Radiation: Stress Responses and Impacts Using Rice as a Grass Model. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1215-1225.	1.8	17
82	ESR dosimetry study on population of settlements nearby Ust-Kamenogorsk city, Kazakhstan. <i>Radiation and Environmental Biophysics</i> , 2009, 48, 419-425.	0.6	15
83	String-guided fast transport system and photoactivation of short-lived isomers ⁷⁹ mBr and ⁷⁷ mSe by ⁶⁰ Co ^{Î³} -ray irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 610, 654-659.	0.7	5
84	Characteristics of proton beam scanning dependent on Li target thickness from the viewpoint of heat removal and material strength for accelerator-based BNCT. <i>Applied Radiation and Isotopes</i> , 2009, 67, 259-265.	0.7	10
85	Fast Neutrons Measured in Copper from the Hiroshima Atomic Bomb Dome. <i>Radiation Research</i> , 2009, 171, 118-122.	0.7	3
86	Iodine-129 measurements in soil samples from Dolon village near the Semipalatinsk nuclear test site. <i>Radiation and Environmental Biophysics</i> , 2008, 47, 359-365.	0.6	5
87	Gamma-ray exposure from neutron-induced radionuclides in soil in Hiroshima and Nagasaki based on DS02 calculations. <i>Radiation and Environmental Biophysics</i> , 2008, 47, 331-336.	0.6	20
88	Intercomparison study on ¹⁵² Eu gamma ray and ³⁶ Cl AMS measurements for development of the new Hiroshimaâ€³Nagasaki Atomic Bomb Dosimetry System 2002 (DS02). <i>Radiation and Environmental Biophysics</i> , 2008, 47, 313-322.	0.6	8
89	Skin dose from neutron-activated soil for early entrants following the A-bomb detonation in Hiroshima: contribution from ^{Î²} and ^{Î³} rays. <i>Radiation and Environmental Biophysics</i> , 2008, 47, 323-330.	0.6	18
90	Measurement of absorbed doses from X-ray baggage examinations to tooth enamel by means of ESR and glass dosimetry. <i>Radiation and Environmental Biophysics</i> , 2008, 47, 541-545.	0.6	9

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91	A preliminary study on the use of ^{10}Be in forensic radioecology of nuclear explosion sites. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 260-270.	0.9	11
92	Experimental Derivation of Relative Biological Effectiveness of A-Bomb Neutrons in Hiroshima and Nagasaki and Implications for Risk Assessment. <i>Radiation Research</i> , 2008, 170, 101-117.	0.7	16
93	SPATIAL DISTRIBUTION OF SOIL CONTAMINATION BY ^{137}Cs AND $^{239,240}\text{Pu}$ IN THE VILLAGE OF DOLON NEAR THE SEMIPALATINSK NUCLEAR TEST SITE: NEW INFORMATION ON TRACES OF THE RADIOACTIVE PLUME FROM THE 29 AUGUST 1949 NUCLEAR TEST. <i>Health Physics</i> , 2008, 94, 328-337.	0.3	12
94	Growth retardation and death of rice plants irradiated with carbon ion beams is preceded by very early dose- and time-dependent gene expression changes. <i>Molecules and Cells</i> , 2008, 25, 272-8.	1.0	13
95	Microdosimetric study for secondary neutrons in phantom produced by a carbon beam. <i>Medical Physics</i> , 2007, 34, 3571-3578.	1.6	8
96	RADIOACTIVITY IN ATOMIC-BOMB SAMPLES FROM EXPOSURE TO ENVIRONMENTAL NEUTRONS. <i>Health Physics</i> , 2007, 93, 689-695.	0.3	3
97	ATOMIC BOMB INDUCED ^{152}Eu : RECONCILIATION OF DISCREPANCY BETWEEN MEASUREMENTS AND CALCULATION. <i>Health Physics</i> , 2007, 92, 366-377.	0.3	6
98	Microdosimetric Evaluation of Secondary Particles in a Phantom Produced by Carbon 290 MeV/nucleon Ions at HIMAC. <i>Journal of Radiation Research</i> , 2007, 48, 397-406.	0.8	23
99	Effects of Sunlight Exposure on the Human Tooth Enamel ESR Spectra Used for Dose Reconstruction. <i>Journal of Radiation Research</i> , 2007, 48, 21-29.	0.8	17
100	Distortion of neutron field during mice irradiation at Kinki University Reactor UTR-KINKI. <i>Applied Radiation and Isotopes</i> , 2007, 65, 1037-1040.	0.7	4
101	Photo-production of neutral kaons on ^{12}C in the threshold region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 651, 269-274.	1.5	17
102	Results of tooth enamel EPR dosimetry for population living in the vicinity of the Semipalatinsk nuclear test site. <i>Radiation Measurements</i> , 2007, 42, 1049-1052.	0.7	21
103	Tooth enamel EPR dosimetry of neutrons: Enhancement of the apparent sensitivity at irradiation in the human head phantom. <i>Radiation Measurements</i> , 2007, 42, 1171-1177.	0.7	2
104	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 1, general view. <i>Radiation Measurements</i> , 2007, 42, 1005-1014.	0.7	42
105	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 2, Effects of spectrum processing. <i>Radiation Measurements</i> , 2007, 42, 1015-1020.	0.7	39
106	Monte Carlo-based calculation of imaging plate response to ^{90}Sr in teeth: experimental validation of the required correction on sample thickness. <i>Radiation and Environmental Biophysics</i> , 2007, 46, 215-220.	0.6	6
107	Evaluation of conversion coefficients from measurable to risk quantities for external exposure over contaminated soil by use of physical human phantoms. <i>Radiation and Environmental Biophysics</i> , 2007, 46, 375-382.	0.6	17
108	A Gradient of Radioactive Contamination in Dolon Village Near the SNTS and Comparison of Computed Dose Values with Instrumental Estimates for the 29 August, 1949 Nuclear Test. <i>Journal of Radiation Research</i> , 2006, 47, A149-A158.	0.8	21

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109	Nuclear Abnormalities in Aspirated Thyroid Cells and Chromosome Aberrations in Lymphocytes of Residents Near the Semipalatinsk Nuclear Test Site. <i>Journal of Radiation Research</i> , 2006, 47, A171-A177.	0.8	9
110	Study on Influence of X-ray Baggage Scan on ESR Dosimetry for SNTS using Human Tooth Enamel. <i>Journal of Radiation Research</i> , 2006, 47, A81-A83.	0.8	8
111	Results of EPR Dosimetry for Population in the Vicinity of the Most Contaminating Radioactive Fallout Trace After the First Nuclear Test in the Semipalatinsk Test Site. <i>Journal of Radiation Research</i> , 2006, 47, A39-A46.	0.8	38
112	Radiation Dose Estimation by Tooth Enamel EPR Dosimetry for Residents of Dolon and Bodene. <i>Journal of Radiation Research</i> , 2006, 47, A47-A53.	0.8	38
113	⁹⁰ Sr Concentration in Cow Teeth from South Ural Region, Russia, Using Monte Carlo Simulation. <i>Journal of Radiation Research</i> , 2006, 47, A117-A120.	0.8	4
114	Development, Beam Characterization and Chromosomal Effectiveness of X-rays of RBC Characteristic X-ray Generator. <i>Journal of Radiation Research</i> , 2006, 47, 103-112.	0.8	9
115	Comparison of the Effectiveness of High and Low LET Radiations for the Proportion of Survivals with Liver Tumors at Every Age in (C57BL/6N * C3H/HeN)F1 Mice. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 647-653.	0.3	3
116	Spectra processing at tooth enamel dosimetry: Analytical description of EPR spectrum at different microwave power. <i>Radiation Measurements</i> , 2006, 41, 410-417.	0.7	10
117	Effective dose of A-bomb radiation in Hiroshima and Nagasaki as assessed by chromosomal effectiveness of spectrum energy photons and neutrons. <i>Radiation and Environmental Biophysics</i> , 2006, 45, 79-91.	0.6	21
118	Characterization of moderator assembly dimension for accelerator boron neutron capture therapy of brain tumors using Li(p,n) ⁷ Be neutrons at proton energy of 2.5MeV. <i>Medical Physics</i> , 2006, 33, 1688-1694.	1.6	14
119	K ₀ photoproduction on ¹² C in the threshold region. <i>Nuclear Physics A</i> , 2005, 754, 327-331.	0.6	0
120	Tooth Enamel EPR Dosimetry: Optimization of EPR Spectra Recording Parameters and Effect of Sample Mass on Spectral Sensitivity. <i>Journal of Radiation Research</i> , 2005, 46, 435-442.	0.8	30
121	Microdosimetric evaluation of the 400MeV ^α -nucleon carbon beam at HIMAC. <i>Medical Physics</i> , 2005, 32, 3843-3848.	1.6	12
122	Characteristics of boron-dose enhancer dependent on dose protocol and ¹⁰ B concentration for BNCT using near-threshold ⁷ Li(p,n) ⁷ Be direct neutrons. <i>Physics in Medicine and Biology</i> , 2005, 50, 167-177.	1.6	8
123	Simulation of Proton Neutralization Effect for Neutron Dosimetry. <i>Journal of Radiation Research</i> , 2004, 45, 351-355.	0.8	0
124	Microdosimetry of neutron field for boron neutron capture therapy at Kyoto university reactor. <i>Radiation Protection Dosimetry</i> , 2004, 110, 641-644.	0.4	10
125	Relative biological effectiveness of fission neutrons for induction of micronucleus formation in mouse reticulocytes in vivo. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 556, 93-99.	0.4	10
126	Characteristics of BDE dependent on ¹⁰ B concentration for accelerator-based BNCT using near-threshold ⁷ Li(p,n) ⁷ Be direct neutrons. <i>Applied Radiation and Isotopes</i> , 2004, 61, 875-879.	0.7	4

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127	ANOMALOUS ²³⁵ U/ ²³⁸ U RATIOS AND METAL ELEMENTS DETECTED IN THE BLACK RAIN FROM THE HIROSHIMA A-BOMB. Health Physics, 2003, 84, 155-162.	0.3	19
128	Energy-dependent RBE of Neutrons to Induce Micronuclei in Root-tip Cells of Allium cepa Onion Irradiated as Dry Dormant Seeds and Seedlings.. Journal of Radiation Research, 2003, 44, 171-177.	0.8	8
129	Measurement of Residual ¹⁵² Eu Activity Induced by Atomic Bomb Neutrons in Nagasaki and the Contribution of Environmental Neutrons to This Activity. Journal of Radiation Research, 2003, 44, 133-139.	0.8	1
130	Neural Networks for the Neutron Spectrum Determination Based on the Foil Activation Method. Japanese Journal of Applied Physics, 2002, 41, 2191-2194.	0.8	5
131	Characterisation of a Ultra-miniature Counter for Microdosimetric Measurements in a Therapeutic 400 MeV/A Carbon Beam. Radiation Protection Dosimetry, 2002, 99, 421-423.	0.4	1
132	NEW IN-VIVO CALIBRATION PHANTOMS AND THEIR PERFORMANCE. Health Physics, 2002, 82, 348-357.	0.3	0
133	MEASURING THE EXTERNAL EXPOSURE DOSE IN THE CONTAMINATED AREA NEAR THE CHERNOBYL NUCLEAR POWER STATION USING THE THERMOLUMINESCENCE OF QUARTZ IN BRICKS. Health Physics, 2002, 83, 227-236.	0.3	8
134	Microdosimetry of Epithermal Neutron Field at the Kyoto University Reactor. Radiation Protection Dosimetry, 2002, 99, 383-385.	0.4	7
135	Relative Biological Effectiveness of Fission Neutrons for Producing Micronuclei in the Root-tip Cells of Onion Seedlings after Irradiation as Dry Seeds. Journal of Radiation Research, 2002, 43, 397-403.	0.8	8
136	Dosimetry of fission neutrons in a 1-W reactor, UTR-Kinki. Journal of Radiation Research, 2002, 43, 381-386.	0.8	8
137	Reassessment of the Cancer Mortality Risk among Hiroshima Atomic-Bomb Survivors Using a New Dosimetry System, ABS2000D, Compared with ABS93D. Journal of Radiation Research, 2002, 43, 53-53.	0.8	13
138	Measurement of Residual ⁶⁰ Co Activity Induced by Atomic-bomb Neutrons in Nagasaki and Background Contribution by Environmental Neutrons. Journal of Radiation Research, 2002, 43, 387-396.	0.8	7
139	A Monte Carlo track structure code for low energy protons. Nuclear Instruments & Methods in Physics Research B, 2002, 194, 123-131.	0.6	10
140	Application of neural networks for the analysis of gamma-ray spectra measured with a Ge spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 557-563.	0.7	96
141	Age-dependent Exposure to Radioactive Iodine (¹³¹ I) in the Thyroid and Total Body of Newborn, Pubertal and Adult Fischer 344 Rats. Journal of Radiation Research, 2001, 42, 143-155.	0.8	5
142	Dose distributions in a human head phantom for neutron capture therapy using moderated neutrons from the 2.5 MeV proton- ⁷ Li reaction or from fission of ²³⁵ U. Physics in Medicine and Biology, 2001, 46, 2681-2695.	1.6	17
143	Preliminary Study on Accelerator-Based Neutron Fields for NCT. , 2001, , 495-501.		0
144	Relationship Between the ¹³⁷ Cs Whole-Body Counting Results and Soil and Food Contamination in Farms Near Chernobyl. Health Physics, 2000, 78, 86-89.	0.3	17

#	ARTICLE	IF	CITATIONS
145	RADIOCESIUM IN CHILDREN RESIDING IN THE WESTERN DISTRICTS OF THE BRYANSK OBLAST FROM 1991-1996.. Health Physics, 2000, 79, 182-186.	0.3	45
146	Dosimetry studies in Zaborie village. Applied Radiation and Isotopes, 2000, 52, 1165-1169.	0.7	5
147	The JCO criticality accident at Tokai-mura, Japan: an overview of the sampling campaign and preliminary results. Journal of Environmental Radioactivity, 2000, 50, 3-14.	0.9	20
148	Radioactivity of in stainless steel collected from residences in the JCO neighborhood. Journal of Environmental Radioactivity, 2000, 50, 83-88.	0.9	12
149	Neutron dose equivalent estimation from the specific activity of. Journal of Environmental Radioactivity, 2000, 50, 89-96.	0.9	3
150	Calculation of the neutronWvalue for neutron dosimetry below the MeV energy region. Physics in Medicine and Biology, 2000, 45, 947-953.	1.6	3
151	Probing the π^+ NN component of ^3He . Physical Review C, 2000, 62, .	1.1	8
152	RBE-LET Relationships of High-LET Radiations in Drosophila Mutations.. Journal of Radiation Research, 1999, 40, 106-116.	0.8	3
153	A Crack Model of the Hiroshima Atomic Bomb. Explanation of the Contradiction of "Dosimetry System 1986".. Journal of Radiation Research, 1999, 40, 145-154.	0.8	31
154	Mutation Induction and RBE of Low Energy Neutrons in V79 Cells.. Journal of Radiation Research, 1999, 40, 21-27.	0.8	8
155	Cell Cycle and LET Dependence for Radiation-induced Mutation. A Possible Mechanism for Reversed Dose-rate Effect.. Journal of Radiation Research, 1999, 40, 45-52.	0.8	9
156	DS86 Neutron Dose: Monte Carlo Analysis for Depth Profile of ^{152}Eu Activity in a Large Stone Sample. Journal of Radiation Research, 1999, 40, 169-181.	0.8	5
157	External Doses of Residents near Semipalatinsk Nuclear Test Site. Journal of Radiation Research, 1999, 40, 337-344.	0.8	40
158	Reduction of the gamma-ray component from fission neutron source - optimization for biological irradiations and comparison with MCNP code. Physics in Medicine and Biology, 1999, 44, 1207-1218.	1.6	4
159	Neutron Generator (HIRRAC) and Dosimetry Study.. Journal of Radiation Research, 1999, 40, 14-20.	0.8	9
160	Subthreshold π^0 photoproduction on ^3He . Physical Review C, 1999, 60, .	1.1	11
161	Dose Estimations of Fast Neutrons from a Nuclear Reactor by Micronuclear Yields in Onion Seedlings.. Journal of Radiation Research, 1999, 40, 28-35.	0.8	7
162	Neutron Energy-Dependent Initial DNA Damage and Chromosomal Exchange.. Journal of Radiation Research, 1999, 40, 36-44.	0.8	37

#	ARTICLE	IF	CITATIONS
163	Sequence Analysis of an 800-kb Genomic DNA Region on Chromosome 8q21 That Contains the Nijmegen Breakage Syndrome Gene, NBS1. <i>Genomics</i> , 1999, 55, 242-247.	1.3	17
164	Positional cloning of the gene for Nijmegen breakage syndrome. <i>Nature Genetics</i> , 1998, 19, 179-181.	9.4	302
165	Estimation of Dose Absorbed Fraction for ^{131}I -beta rays in Rat Thyroid.. <i>Journal of Radiation Research</i> , 1998, 39, 223-230.	0.8	4
166	Developmental malformations and intrauterine deaths in gamma-ray-irradiated scid mouse embryos. <i>International Journal of Radiation Biology</i> , 1998, 73, 705-709.	1.0	6
167	Evidence for ^{10}B Mass Modification in the $^3\text{He}(\hat{1}^3, \hat{1}^0)\text{ppn}$ Reaction. <i>Physical Review Letters</i> , 1998, 80, 241-244.	2.9	55
168	Residual ^{60}Co Activity in Steel Samples Exposed to the Hiroshima Atomic-Bomb Neutrons. <i>Health Physics</i> , 1998, 75, 278-284.	0.3	29
169	Monte Carlo Simulation of in Vivo Measurements of $^{90}\text{Sr} + ^{90}\text{Y}$ Bremsstrahlung. <i>Health Physics</i> , 1998, 74, 30-37.	0.3	5
170	Single and double delta production in the $^3\text{He}(\hat{1}^3, \hat{1}^{\epsilon} + \hat{1}^{\epsilon} \hat{1}^{\sim})$ reaction at $380 \hat{a} \hat{c} 1/2 \hat{E} \hat{1}^3 < \sim 700 \text{MeV}$. <i>Physical Review C</i> , 1997, 55, 1832-1842.	1.1	8
171	Genetic Mapping Using Microcell-Mediated Chromosome Transfer Suggests a Locus for Nijmegen Breakage Syndrome at Chromosome 8q21-24. <i>American Journal of Human Genetics</i> , 1997, 60, 1487-1494.	2.6	62
172	Inhibitory action of (\hat{a}^{\sim})-epigallocatechin gallate on radiation-induced mouse oncogenic transformation. <i>Cancer Letters</i> , 1997, 112, 135-139.	3.2	17
173	A step-like rise in the $^4\text{He}(\hat{1}^3, \text{pn})^2\text{H}$ cross section near the pion-production threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 393, 295-300.	1.5	3
174	Dosimetry of Mixed Neutron and Gamma Radiation with Paired Fricke Solutions in Light and Heavy Water.. <i>Journal of Radiation Research</i> , 1996, 37, 97-106.	0.8	7
175	The large-acceptance spectrometer TAGX for photoreaction studies at the 1.3-GeV Tokyo electron synchrotron. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 376, 335-355.	0.7	25
176	Determination of the relative neutron sensitivity of a ionization chamber. <i>Physics in Medicine and Biology</i> , 1996, 41, 1037-1043.	1.6	8
177	Neutron Generator at Hiroshima University for Use in Radiobiology Study.. <i>Journal of Radiation Research</i> , 1995, 36, 91-102.	0.8	26
178	The $^{12}\text{C}(\hat{1}^3, \text{K}^+)$ reaction in the threshold region. <i>Physical Review C</i> , 1995, 52, R1157-R1160.	1.1	19
179	Emura et al. Reply. <i>Physical Review Letters</i> , 1995, 74, 1035-1035.	2.9	3
180	Total Cross Section for Photon Absorption by Two Protons in ^3He . <i>Physical Review Letters</i> , 1994, 73, 404-407.	2.9	21

#	ARTICLE	IF	CITATIONS
181	Three-body ^3He photodisintegration in the $\hat{1}^{\pi}$ region. <i>Physical Review C</i> , 1994, 49, R597-R600.	1.1	17
182	Quasi-free K^+ photo-production in ^{12}C . <i>Nuclear Physics A</i> , 1994, 577, 277-280.	0.6	7
183	Simultaneous measurement of yields and model implications. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 306, 6-9.	1.5	8
184	The total cross section for the $^4\text{He}(\hat{1}^3, npp)n$ reaction in the $\hat{1}^{\pi}$ -resonance region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 286, 229-233.	1.5	6
185	Observation of ring-imaging Cherenkov photons with an image intensifier. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991, 307, 265-272.	0.7	4
186	Measurement of the $^4\text{He}(\hat{1}^3, npp)n$ reaction in the $\hat{1}^{\pi}$ -resonance region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 267, 460-464.	1.5	10
187	A trigger for TAGX at the 1.3 GeV Tokyo electron synchrotron. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 294, 534-540.	0.7	10
188	A liquid- ^4He target with a small refrigerator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 290, 315-319.	0.7	8