Satoru Endo

List of Publications by Year in descending order

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188	2,747	236833	254106
papers	citations	25 h-index	43 g-index

192	192	192	1906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Positional cloning of the gene for Nijmegen breakage syndrome. Nature Genetics, 1998, 19, 179-181.	9.4	302
2	Measurement of soil contamination by radionuclides due to the Fukushima Dai-ichi Nuclear Power Plant accident and associated estimated cumulative external dose estimation. Journal of Environmental Radioactivity, 2012, 111, 18-27.	0.9	153
3	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
4	Comparison of the accident process, radioactivity release and ground contamination between Chernobyl and Fukushima-1. Journal of Radiation Research, 2015, 56, i56-i61.	0.8	77
5	Paddy-field contamination with 134Cs and 137Cs due to Fukushima Dai-ichi Nuclear Power Plant accident and soil-to-rice transfer coefficients. Journal of Environmental Radioactivity, 2013, 116, 59-64.	0.9	64
6	Genetic Mapping Using Microcell-Mediated Chromosome Transfer Suggests a Locus for Nijmegen Breakage Syndrome at Chromosome 8q21-24. American Journal of Human Genetics, 1997, 60, 1487-1494.	2.6	62
7	An early survey of the radioactive contamination of soil due to the Fukushima Dai-ichi Nuclear Power Plant accident, with emphasis on plutonium analysis. Geochemical Journal, 2012, 46, 341-353.	0.5	62
8	Evidence forÏ0Mass Modification in the3He(Î³,Ï0)ppnReaction. Physical Review Letters, 1998, 80, 241-244.	2.9	55
9	Radiation doses among residents living 37Âkm northwest of the Fukushima Dai-ichi Nuclear Power Plant. Journal of Environmental Radioactivity, 2012, 110, 84-89.	0.9	47
10	RADIOCESIUM IN CHILDREN RESIDING IN THE WESTERN DISTRICTS OF THE BRYANSK OBLAST FROM 1991-1996.. Health Physics, 2000, 79, 182-186.	0.3	45
11	Early Radiation Survey of Iitate Village, Which Was Heavily Contaminated by the Fukushima Daiichi Accident, Conducted on 28 and 29 March 2011. Health Physics, 2012, 102, 680-686.	0.3	43
12	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 1, general view. Radiation Measurements, 2007, 42, 1005-1014.	0.7	42
13	Unraveling Low-Level Gamma Radiation-Responsive Changes in Expression of Early and Late Genes in Leaves of Rice Seedlings at Iitate Village, Fukushima. Journal of Heredity, 2014, 105, 723-738.	1.0	41
14	External Doses of Residents near Semipalatinsk Nuclear Test Site. Journal of Radiation Research, 1999, 40, 337-344.	0.8	40
15	Interlaboratory comparison of tooth enamel dosimetry on Semipalatinsk region: Part 2, Effects of spectrum processing. Radiation Measurements, 2007, 42, 1015-1020.	0.7	39
16	Feasibility of using 236U to reconstruct close-in fallout deposition from the Hiroshima atomic bomb. Science of the Total Environment, 2010, 408, 5392-5398.	3.9	39
17	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. Journal of Radiation Research, 2006, 47, A39-A46.	0.8	38
18	Radiation Dose Estimation by Tooth Enamel EPR Dosimetry for Residents of Dolon and Bodene. Journal of Radiation Research, 2006, 47, A47-A53.	0.8	38

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19	Neutron Energy-Dependent Initial DNA Damage and Chromosomal Exchange.. Journal of Radiation Research, 1999, 40, 36-44.	0.8	37
20	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
21	Tooth Enamel EPR Dosimetry: Optimization of EPR Spectra Recording Parameters and Effect of Sample Mass on Spectral Sensitivity. Journal of Radiation Research, 2005, 46, 435-442.	0.8	30
22	2D-DIGE-based proteome expression changes in leaves of rice seedlings exposed to low-level gamma radiation at Iitate village, Fukushima. Plant Signaling and Behavior, 2015, 10, e1103406.	1.2	30
23	Residual 60Co Activity in Steel Samples Exposed to the Hiroshima Atomic-Bomb Neutrons. Health Physics, 1998, 75, 278-284.	0.3	29
24	Analysis of Plasma Protein Concentrations and Enzyme Activities in Cattle within the Ex-Evacuation Zone of the Fukushima Daiichi Nuclear Plant Accident. PLoS ONE, 2016, 11, e0155069.	1.1	27
25	Neutron Generator at Hiroshima University for Use in Radiobiology Study.. Journal of Radiation Research, 1995, 36, 91-102.	0.8	26
26	The large-acceptance spectrometer TAGX for photoreaction studies at the 1.3-GeV Tokyo electron synchrotron. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 376, 335-355.	0.7	25
27	Microdosimetric Evaluation of Secondary Particles in a Phantom Produced by Carbon 290 MeV/nucleon Ions at HIMAC. Journal of Radiation Research, 2007, 48, 397-406.	0.8	23
28	Dosimetric verification of the anisotropic analytical algorithm in lung equivalent heterogeneities with and without bone equivalent heterogeneities. Medical Physics, 2010, 37, 4456-4463.	1.6	22
29	Estimation of Â-ray dose in air and soil from Fukushima Daiichi Power Plant accident. Journal of Radiation Research, 2014, 55, 476-483.	0.8	22
30	Total Cross Section for Photon Absorption by Two Protons inHe3. Physical Review Letters, 1994, 73, 404-407.	2.9	21
31	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. Journal of Radiation Research, 2006, 47, A149-A158.	0.8	21
32	Effective dose of A-bomb radiation in Hiroshima and Nagasaki as assessed by chromosomal effectiveness of spectrum energy photons and neutrons. Radiation and Environmental Biophysics, 2006, 45, 79-91.	0.6	21
33	Results of tooth enamel EPR dosimetry for population living in the vicinity of the Semipalatinsk nuclear test site. Radiation Measurements, 2007, 42, 1049-1052.	0.7	21
34	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
35	Gamma-ray exposure from neutron-induced radionuclides in soil in Hiroshima and Nagasaki based on DS02 calculations. Radiation and Environmental Biophysics, 2008, 47, 331-336.	0.6	20
36	TheC12(Î³,K+) reaction in the threshold region. Physical Review C, 1995, 52, R1157-R1160.	1.1	19

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37	ANOMALOUS 235U/238U RATIOS AND METAL ELEMENTS DETECTED IN THE BLACK RAIN FROM THE HIROSHIMA A-BOMB. Health Physics, 2003, 84, 155-162.	0.3	19
38	Skin dose from neutron-activated soil for early entrants following the A-bomb detonation in Hiroshima: contribution from Î² and Î³ rays. Radiation and Environmental Biophysics, 2008, 47, 323-330.	0.6	18
39	Evaluation of PHITS for microdosimetry in BNCT to support radiobiological research. Applied Radiation and Isotopes, 2020, 161, 109148.	0.7	18
40	Three-bodyHe3photodisintegration in the Î” region. Physical Review C, 1994, 49, R597-R600.	1.1	17
41	Inhibitory action of (â˜)-epigallocatechin gallate on radiation-induced mouse oncogenic transformation. Cancer Letters, 1997, 112, 135-139.	3.2	17
42	Sequence Analysis of an 800-kb Genomic DNA Region on Chromosome 8q21 That Contains the Nijmegen Breakage Syndrome Gene,NBS1. Genomics, 1999, 55, 242-247.	1.3	17
43	Relationship Between the 137Cs Whole-Body Counting Results and Soil and Food Contamination in Farms Near Chernobyl. Health Physics, 2000, 78, 86-89.	0.3	17
44	Dose distributions in a human head phantom for neutron capture therapy using moderated neutrons from the 2.5 MeV proton-7Li reaction or from fission of235U. Physics in Medicine and Biology, 2001, 46, 2681-2695.	1.6	17
45	Effects of Sunlight Exposure on the Human Tooth Enamel ESR Spectra Used for Dose Reconstruction. Journal of Radiation Research, 2007, 48, 21-29.	0.8	17
46	Photo-production of neutral kaons on 12C in the threshold region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 651, 269-274.	1.5	17
47	Evaluation of conversion coefficients from measurable to risk quantities for external exposure over contaminated soil by use of physical human phantoms. Radiation and Environmental Biophysics, 2007, 46, 375-382.	0.6	17
48	Ultra Low-Dose Radiation: Stress Responses and Impacts Using Rice as a Grass Model. International Journal of Molecular Sciences, 2009, 10, 1215-1225.	1.8	17
49	Experimental Derivation of Relative Biological Effectiveness of A-Bomb Neutrons in Hiroshima and Nagasaki and Implications for Risk Assessment. Radiation Research, 2008, 170, 101-117.	0.7	16
50	ESR dosimetry study on population of settlements nearby Ust-Kamenogorsk city, Kazakhstan. Radiation and Environmental Biophysics, 2009, 48, 419-425.	0.6	15
51	Temporal changes in vertical distribution of 137Cs in litter and soils in mixed deciduous forests in Fukushima, Japan. Journal of Nuclear Science and Technology, 2017, 54, 452-458.	0.7	15
52	Internal exposure to neutron-activated 56Mn dioxide powder in Wistar rats: partÂ1: dosimetry. Radiation and Environmental Biophysics, 2017, 56, 47-54.	0.6	15
53	Characterization of moderator assembly dimension for accelerator boron neutron capture therapy of brain tumors using Li(p,n)7 neutrons at proton energy of 2.5MeV. Medical Physics, 2006, 33, 1688-1694.	1.6	14
54	Calculation of coincidence summing in gamma-ray spectrometry with the EGS5 code. Applied Radiation and Isotopes, 2015, 95, 53-58.	0.7	14

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55	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
56	Growth retardation and death of rice plants irradiated with carbon ion beams is preceded by very early dose- and time-dependent gene expression changes. Molecules and Cells, 2008, 25, 272-8.	1.0	13
57	Radioactivity of in stainless steel collected from residences in the JCO neighborhood. Journal of Environmental Radioactivity, 2000, 50, 83-88.	0.9	12
58	Microdosimetric evaluation of the 400MeVâˆ•nucleon carbon beam at HIMAC. Medical Physics, 2005, 32, 3843-3848.	1.6	12
59	SPATIAL DISTRIBUTION OF SOIL CONTAMINATION BY 137Cs AND 239,240Pu 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. Health Physics, 2008, 94, 328-337.	0.3	12
60	SubthresholdÏ0photoproduction on3He. Physical Review C, 1999, 60, .	1.1	11
61	A preliminary study on the use of 10Be in forensic radioecology of nuclear explosion sites. Journal of Environmental Radioactivity, 2008, 99, 260-270.	0.9	11
62	Genome-Wide Expression Changes in Saccharomyces cerevisiae in Response to High-LET Ionizing Radiation. Applied Biochemistry and Biotechnology, 2010, 162, 855-870.	1.4	11
63	pSLA2-M ofStreptomyces rocheiIs a Composite Linear Plasmid Characterized by Self-Defense Genes and Homology with pSLA2-L. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1147-1153.	0.6	11
64	Radiation effects on the silicon semiconductor detectors for the ASTROâ€“H mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 699, 225-229.	0.7	11
65	A trigger for TAGX at the 1.3 GeV Tokyo electron synchrotron. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 534-540.	0.7	10
66	Measurement of the 4He (Î³, npp) n reaction in the Î”-resonance region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 460-464.	1.5	10
67	A Monte Carlo track structure code for low energy protons. Nuclear Instruments & Methods in Physics Research B, 2002, 194, 123-131.	0.6	10
68	Microdosimetry of neutron field for boron neutron capture therapy at Kyoto university reactor. Radiation Protection Dosimetry, 2004, 110, 641-644.	0.4	10
69	Relative biological effectiveness of fission neutrons for induction of micronucleus formation in mouse reticulocytes in vivo. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 556, 93-99.	0.4	10
70	Spectra processing at tooth enamel dosimetry: Analytical description of EPR spectrum at different microwave power. Radiation Measurements, 2006, 41, 410-417.	0.7	10
71	Characteristics of proton beam scanning dependent on Li target thickness from the viewpoint of heat removal and material strength for accelerator-based BNCT. Applied Radiation and Isotopes, 2009, 67, 259-265.	0.7	10
72	Neutron relative biological effectiveness in Hiroshima and Nagasaki atomic bomb survivors: a critical review. Journal of Radiation Research, 2016, 57, 583-595.	0.8	10

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73	Measurement of 90Sr radioactivity in cesium hot particles originating from the Fukushima Nuclear Power Plant Accident. Journal of Radiation Research, 2018, 59, 677-684.	0.8	10
74	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
75	Neutron Generator (HIRRAC) and Dosimetry Study.. Journal of Radiation Research, 1999, 40, 14-20.	0.8	9
76	Nuclear Abnormalities in Aspirated Thyroid Cells and Chromosome Aberrations in Lymphocytes of Residents Near the Semipalatinsk Nuclear Test Site. Journal of Radiation Research, 2006, 47, A171-A177.	0.8	9
77	Development, Beam Characterization and Chromosomal Effectiveness of X-rays of RBC Characteristic X-ray Generator. Journal of Radiation Research, 2006, 47, 103-112.	0.8	9
78	Measurement of absorbed doses from X-ray baggage examinations to tooth enamel by means of ESR and glass dosimetry. Radiation and Environmental Biophysics, 2008, 47, 541-545.	0.6	9
79	Measurement of microdosimetric spectra produced from a 290ÂMeV/n Spread Out Bragg Peak carbon beam. Radiation and Environmental Biophysics, 2010, 49, 469-475.	0.6	9
80	Microdosimetric evaluation of the neutron field for BNCT at Kyoto University reactor by using the PHITS code. Radiation Protection Dosimetry, 2011, 143, 528-532.	0.4	9
81	Radiation exposure and disease questionnaires of early entrants after the Hiroshima bombing. Radiation Protection Dosimetry, 2012, 149, 91-96.	0.4	9
82	Radiocesium accumulation in the anuran frog, Rana tagoi tagoi, in forest ecosystems after the Fukushima Nuclear Power Plant accident. Environmental Pollution, 2015, 199, 89-94.	3.7	9
83	Internal doses in experimental mice and rats following exposure to neutron-activated 56MnO2 powder: results of an international, multicenter study. Radiation and Environmental Biophysics, 2020, 59, 683-692.	0.6	9
84	A liquid-4He target with a small refrigerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 290, 315-319.	0.7	8
85	Simultaneous measurement of yields and model implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 6-9.	1.5	8
86	Determination of the relative neutron sensitivity of a ionization chamber. Physics in Medicine and Biology, 1996, 41, 1037-1043.	1.6	8
87	Single and double delta production in the3He(Î³,Ï€+Ï€âˆ’)reaction at 380â©½EÎ³<~700MeV. Physical Review C, 1997, 55, 1832-1842.	1.1	8
88	Mutation Induction and RBE of Low Energy Neutrons in V79 Cells.. Journal of Radiation Research, 1999, 40, 21-27.	0.8	8
89	Probing theÎ”NNcomponent of3He. Physical Review C, 2000, 62, .	1.1	8
90	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

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91	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
92	Dosimetry of fission neutrons in a 1-W reactor, UTR-Kinki. Journal of Radiation Research, 2002, 43, 381-386.	0.8	8
93	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
94	Characteristics of boron-dose enhancer dependent on dose protocol and 10B concentration for BNCT using near-threshold 7Li(p,n)7Be direct neutrons. Physics in Medicine and Biology, 2005, 50, 167-177.	1.6	8
95	Study on Influence of X-ray Baggage Scan on ESR Dosimetry for SNTS using Human Tooth Enamel. Journal of Radiation Research, 2006, 47, A81-A83.	0.8	8
96	Microdosimetric study for secondary neutrons in phantom produced by a carbon beam. Medical Physics, 2007, 34, 3571-3578.	1.6	8
97	Intercomparison study on 152Eu gamma ray and 36Cl AMS measurements for development of the new Hiroshimaâ€“Nagasaki Atomic Bomb Dosimetry System 2002 (DS02). Radiation and Environmental Biophysics, 2008, 47, 313-322.	0.6	8
98	Mapping of the cumulative Î²-ray dose on the ground surface surrounding the Fukushima area. Journal of Radiation Research, 2015, 56, i48-i55.	0.8	8
99	Quasi-free K+ photo-production in 12C. Nuclear Physics A, 1994, 577, 277-280.	0.6	7
100	Dosimetry of Mixed Neutron and Gamma Radiation with Paired Fricke Solutions in Light and Heavy Water.. Journal of Radiation Research, 1996, 37, 97-106.	0.8	7
101	Dose Estimations of Fast Neutrons from a Nuclear Reactor byMicronuclear Yields in Onion Seedlings.. Journal of Radiation Research, 1999, 40, 28-35.	0.8	7
102	Microdosimetry of Epithermal Neutron Field at the Kyoto University Reactor. Radiation Protection Dosimetry, 2002, 99, 383-385.	0.4	7
103	Measurement of Residual 60Co 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
104	Measurements of neutron distribution in neutronsâ€“Î³-rays mixed field using imaging plate for neutron capture therapy. Applied Radiation and Isotopes, 2010, 68, 207-210.	0.7	7
105	Isotope Ratios of 235U/238U and 137Cs/235U in Black Rain Streaks on Plaster Wall Caused by Fallout of the Hiroshima Atomic Bomb. Health Physics, 2012, 102, 154-160.	0.3	7
106	Neutron energy spectrum measurement using an NE213 scintillator at CHARM. Nuclear Instruments & Methods in Physics Research B, 2018, 429, 27-33.	0.6	7
107	The total cross section for the 4He (Î³, npp)n reaction in the Î”-resonance region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 229-233.	1.5	6
108	Developmental malformations and intrauterine deaths in gamma-ray-irradiated scid mouse embryos. International Journal of Radiation Biology, 1998, 73, 705-709.	1.0	6

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109	ATOMIC BOMB INDUCED 152Eu: RECONCILIATION OF DISCREPANCY BETWEEN MEASUREMENTS AND CALCULATION. Health Physics, 2007, 92, 366-377.	0.3	6
110	Monte Carlo-based calculation of imaging plate response to 90Sr in teeth: experimental validation of the required correction on sample thickness. Radiation and Environmental Biophysics, 2007, 46, 215-220.	0.6	6
111	The sensitivity variation of the radiation induced signal in deciduous teeth to be used in ESR tooth enamel dosimetry. Radiation Measurements, 2017, 106, 450-454.	0.7	6
112	Monte Carlo Simulation of in Vivo Measurements of 90Sr + 90Y Bremsstrahlung. Health Physics, 1998, 74, 30-37.	0.3	5
113	DS86 Neutron Dose: Monte Carlo Analysis for Depth Profile of 152Eu Activity in a Large Stone Sample. Journal of Radiation Research, 1999, 40, 169-181.	0.8	5
114	Dosimetry studies in Zaborie village. Applied Radiation and Isotopes, 2000, 52, 1165-1169.	0.7	5
115	Age-dependent Exposure to Radioactive Iodine (131I) 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
116	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
117	Iodine-129 measurements in soil samples from Dolon village near the Semipalatinsk nuclear test site. Radiation and Environmental Biophysics, 2008, 47, 359-365.	0.6	5
118	Microdosimetry on a Mini-Reactor UTR-KINKI for Educational Uses and Biological Researches. Journal of Radiation Research, 2009, 50, 83-87.	0.8	5
119	String-guided fast transport system and photoactivation of short-lived isomers 79mBr and 77mSe by 60Co I3-ray irradiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 654-659.	0.7	5
120	ESR dosimetry study for the residents of Kazakhstan exposed to radioactive fallout on 24, August 1956. Radiation Measurements, 2011, 46, 793-796.	0.7	5
121	Estimation of beta-ray skin dose from exposure to fission fallout from the Hiroshima atomic bomb. Radiation Protection Dosimetry, 2012, 149, 84-90.	0.4	5
122	Measurement of spatial distribution of neutrons and gamma rays for BNCT using multi-imaging plate system. Applied Radiation and Isotopes, 2015, 106, 125-128.	0.7	5
123	External exposure dose estimation by electron spin resonance technique for wild Japanese macaque captured in Fukushima Prefecture. Radiation Measurements, 2020, 134, 106315.	0.7	5
124	Irradiation of laboratory animals by neutron activated dust: development and application of the method â€“ first results of international multicenter study. Radiation and Risk, 2016, 25, 111-125.	0.1	5
125	Observation of ring-imaging Cherenkov photons with an image intensifier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 307, 265-272.	0.7	4
126	Estimation of Dose Absorbed Fraction for 131I-beta rays in Rat Thyroid.. Journal of Radiation Research, 1998, 39, 223-230.	0.8	4

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127	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
128	Characteristics of BDE dependent on 10B concentration for accelerator-based BNCT using near-threshold 7Li(p,n)7Be direct neutrons. Applied Radiation and Isotopes, 2004, 61, 875-879.	0.7	4
129	90Sr Concentration in Cow Teeth from South Ural Region, Russia, Using Monte Carlo Simulation. Journal of Radiation Research, 2006, 47, A117-A120.	0.8	4
130	Distortion of neutron field during mice irradiation at Kinki University Reactor UTR-KINKI. Applied Radiation and Isotopes, 2007, 65, 1037-1040.	0.7	4
131	Dose Rate Estimation Around a 60Co Î³-ray Irradiation Source by Means of 115mIn Photoactivation. Journal of Radiation Research, 2010, 51, 197-203.	0.8	4
132	The influence of the Lop Nor Nuclear Weapons Test Base to the population of the Republic of Kazakhstan. Radiation Measurements, 2011, 46, 425-429.	0.7	4
133	Study on detecting spatial distribution of neutrons and gamma rays using a multi-imaging plate system. Applied Radiation and Isotopes, 2014, 88, 143-146.	0.7	4
134	Triple ionization chamber method for clinical dose monitoring with a Beâ€€covered Li BNCT field. Medical Physics, 2016, 43, 6049-6057.	1.6	4
135	Light output due to cosmic-ray muons for an EJ301 scintillator of 12.7 cm in diameter and length. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 880, 53-57.	0.7	4
136	Reproduction of neutron fluence by unfolding method with an NE213 scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 906, 141-149.	0.7	4
137	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. Journal of Radiation Research, 2018, 59, 286-290.	0.8	4
138	Development of a real-time neutron beam detector for boron neutron capture therapy using a thin silicon sensor. Applied Radiation and Isotopes, 2021, 176, 109856.	0.7	4
139	Emuraet al.Reply. Physical Review Letters, 1995, 74, 1035-1035.	2.9	3
140	A step-like rise in the 4He(Î³,pn)2H cross section near the pion-production threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 295-300.	1.5	3
141	RBE-LET Relationships of High-LET Radiations in Drosophila Mutations.. Journal of Radiation Research, 1999, 40, 106-116.	0.8	3
142	Neutron dose equivalent estimation from the specific activity of. Journal of Environmental Radioactivity, 2000, 50, 89-96.	0.9	3
143	Calculation of the neutronWvalue for neutron dosimetry below the MeV energy region. Physics in Medicine and Biology, 2000, 45, 947-953.	1.6	3
144	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. Journal of Veterinary Medical Science, 2006, 68, 647-653.	0.3	3

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145	RADIOACTIVITY IN ATOMIC-BOMB SAMPLES FROM EXPOSURE TO ENVIRONMENTAL NEUTRONS. Health Physics, 2007, 93, 689-695.	0.3	3
146	Fast Neutrons Measured in Copper from the Hiroshima Atomic Bomb Dome. Radiation Research, 2009, 171, 118-122.	0.7	3
147	Development of monitoring method of spatial neutron distribution in neutronsâ€“gamma rays mixed field using imaging plate for NCTâ€”Depression of the field. Applied Radiation and Isotopes, 2011, 69, 1885-1887.	0.7	3
148	Measurement of the strength of iodine-125 seed moving at unknown speed during implantation in brachytherapy. Journal of Radiation Research, 2014, 55, 162-167.	0.8	3
149	Application of an ultraminiature thermal neutron monitor for irradiation field study of accelerator-based neutron capture therapy. Journal of Radiation Research, 2015, 56, 391-396.	0.8	3
150	Apparatus development for measurement of 134Cs and 137Cs radioactivity of soil contaminated by the Fukushima Daiichi Nuclear Power Plant accident. Applied Radiation and Isotopes, 2016, 115, 4-7.	0.7	3
151	Non-destructive analysis of ancient bimetal swords from western Asia by Î³-ray radiography and X-ray fluorescence. Nuclear Instruments & Methods in Physics Research B, 2017, 407, 244-255.	0.6	3
152	Internal exposure rate conversion coefficients and absorbed fractions of mouse for 137Cs, 134Cs and 90Sr contamination in body. Journal of Radiation Research, 2020, 61, 535-545.	0.8	3
153	Double differential cross sections of neutron production by 135 and 180 MeV protons on A-150 tissue-equivalent plastic. Nuclear Instruments & Methods in Physics Research B, 2021, 487, 38-44.	0.6	3
154	Tooth enamel EPR dosimetry of neutrons: Enhancement of the apparent sensitivity at irradiation in the human head phantom. Radiation Measurements, 2007, 42, 1171-1177.	0.7	2
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