Nobuyuki Hamada

List of Publications by Year
in descending order

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166	4,780	87843	123376
papers	citations	38 h-index	61 g-index

172	172	172	3601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-dose radiotherapy for COVID-19 pneumonia and cancer: summary of a recent symposium and future perspectives. International Journal of Radiation Biology, 2023, 99, 357-371.	1.0	2
2	Individual response of the ocular lens to ionizing radiation. International Journal of Radiation Biology, 2023, 99, 138-154.	1.0	7
3	Mortality from various diseases of the circulatory system in the Russian Mayak nuclear worker cohort: 1948â€“2018. Journal of Radiological Protection, 2022, 42, 021511.	0.6	15
4	Review of the risk of cancer following low and moderate doses of sparsely ionising radiation received in early life in groups with individually estimated doses. Environment International, 2022, 159, 106983.	4.8	34
5	The Incidence Risk for Primary Glaucoma and Its Subtypes following Chronic Exposure to Ionizing Radiation in the Russian Cohort of Mayak Nuclear Workers. Cancers, 2022, 14, 602.	1.7	6
6	Inflammatory Signaling and DNA Damage Responses after Local Exposure to an Insoluble Radioactive Microparticle. Cancers, 2022, 14, 1045.	1.7	10
7	Incidence risks for cerebrovascular diseases and types of stroke in a cohort of Mayak PA workers. Radiation and Environmental Biophysics, 2022, 61, 5-16.	0.6	11
8	Cancer risks among studies of medical diagnostic radiation exposure in early life without quantitative estimates of dose. Science of the Total Environment, 2022, 832, 154723.	3.9	17
9	Radiation detriment calculation methodology: Summary of ICRP Publication 152. Journal of Radiological Protection, 2022, , .	0.6	9
10	Update: History of radiation detriment and its calculation methodology used in ICRP Publication 103 (2019 J. Radiol. Prot. 39 R19â˜’R35). Journal of Radiological Protection, 2022, 42, 024502.	0.6	3
11	Microdosimetric Modeling of Relative Biological Effectiveness for Skin Reactions: Possible Linkage Between In Vitro and In Vivo Data. International Journal of Radiation Oncology Biology Physics, 2022, 114, 153-162.	0.4	6
12	Establishing a communication and engagement strategy to facilitate the adoption of the adverse outcome pathways in radiation research and regulation. International Journal of Radiation Biology, 2022, 98, 1714-1721.	1.0	9
13	Temporal Changes in Sparing and Enhancing Dose Protraction Effects of Ionizing Irradiation for Aortic Damage in Wild-Type Mice. Cancers, 2022, 14, 3319.	1.7	6
14	Ionizing radiation-induced circulatory and metabolic diseases. Environment International, 2021, 146, 106235.	4.8	69
15	Pneumonia After Bacterial or Viral Infection Preceded or Followed by Radiation Exposure: A Reanalysis of Older Radiobiologic Data and Implications for Low-Dose Radiation Therapy for Coronavirus Disease 2019 Pneumonia. International Journal of Radiation Oncology Biology Physics, 2021, 109, 849-858.	0.4	11
16	Summary of the Second Bill Morgan Memorial Symposium: an update on low dose biology, epidemiology, its integration and implications for radiation protection. International Journal of Radiation Biology, 2021, 97, 861-865.	1.0	2
17	Radiation-induced lens opacities: Epidemiological, clinical and experimental evidence, methodological issues, research gaps and strategy. Environment International, 2021, 146, 106213.	4.8	24
18	Application of Reference Levels in the Existing Exposure Situations. , 2021, , 256-263.		0

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19	Low- and moderate-dose non-cancer effects of ionizing radiation in directly exposed individuals, especially circulatory and ocular diseases: a review of the epidemiology. International Journal of Radiation Biology, 2021, 97, 782-803.	1.0	48
20	Introduction to the Second Bill Morgan Memorial Special Issue: an update on low dose biology, epidemiology, its integration and implications for radiation protection. International Journal of Radiation Biology, 2021, 97, 1-2.	1.0	0
21	Expert consultation is vital for adverse outcome pathway development: a case example of cardiovascular effects of ionizing radiation. International Journal of Radiation Biology, 2021, 97, 1-10.	1.0	20
22	Vascular Damage in the Aorta of Wild-Type Mice Exposed to Ionizing Radiation: Sparing and Enhancing Effects of Dose Protraction. Cancers, 2021, 13, 5344.	1.7	8
23	Evaluation of the lifetime brain/central nervous system cancer risk associated with childhood head <scp>CT</scp> scanning in Japan. International Journal of Cancer, 2021, 148, 2429-2439.	2.3	7
24	Introduction to the Special LDLensRad Focus Issue. Radiation Research, 2021, 197, .	0.7	5
25	Editorial: Ionizing Radiation and Human Health: A Multifaceted Relationship. Frontiers in Public Health, 2021, 9, 777164.	1.3	0
26	Adverse outcome pathway: a path toward better data consolidation and global co-ordination of radiation research. International Journal of Radiation Biology, 2021, , 1-10.	1.0	17
27	Occupational exposure to chronic ionizing radiation increases risk of Parkinson's disease incidence in Russian Mayak workers. International Journal of Epidemiology, 2020, 49, 435-447.	0.9	48
28	An update on effects of ionizing radiation exposure on the eye. British Journal of Radiology, 2020, 93, 20190829.	1.0	41
29	Sensitivity analysis of parameters and methodological choices used in calculation of radiation detriment for solid cancer. International Journal of Radiation Biology, 2020, 96, 596-605.	1.0	21
30	Ionizing Irradiation Induces Vascular Damage in the Aorta of Wild-Type Mice. Cancers, 2020, 12, 3030.	1.7	12
31	Is there any supportive evidence for low dose radiotherapy for COVID-19 pneumonia?. International Journal of Radiation Biology, 2020, 96, 1228-1235.	1.0	21
32	Occupational radiation exposure and excess additive risk of cataract incidence in a cohort of US radiologic technologists. Occupational and Environmental Medicine, 2020, 77, 1-8.	1.3	35
33	Low dose radiation therapy for COVID-19 pneumonia: is there any supportive evidence?. International Journal of Radiation Biology, 2020, 96, 1224-1227.	1.0	25
34	Report of IRPA task group on issues and actions taken in response to the change in eye lens dose limit. Journal of Radiological Protection, 2020, 40, 1508-1533.	0.6	7
35	Analysis of Cataract in Relationship to Occupational Radiation Dose Accounting for Dosimetric Uncertainties in a Cohort of U.S. Radiologic Technologists. Radiation Research, 2020, 194, 153.	0.7	7
36	Lifetime Mortality Risk from Cancer and Circulatory Disease Predicted from the Japanese Atomic Bomb Survivor Life Span Study Data Taking Account of Dose Measurement Error. Radiation Research, 2020, 194, 259.	0.7	42

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37	DNA damage induction during localized chronic exposure to an insoluble radioactive microparticle. Scientific Reports, 2019, 9, 10365.	1.6	12
38	Preface to the IJRB 60th anniversary special issue â€œback to our futureâ€• International Journal of Radiation Biology, 2019, 95, 799-801.	1.0	0
39	A biologically based mathematical model for spontaneous and ionizing radiation cataractogenesis. PLoS ONE, 2019, 14, e0221579.	1.1	10
40	Glaucoma incidence risk in a cohort of Mayak PA workers occupationally exposed to ionizing radiation. Scientific Reports, 2019, 9, 12469.	1.6	10
41	Glaucomagenesis following ionizing radiation exposure. Mutation Research - Reviews in Mutation Research, 2019, 779, 36-44.	2.4	15
42	Recent discussions toward regulatory implementation of the new occupational equivalent dose limit for the lens of the eye and related studies in Japan. International Journal of Radiation Biology, 2019, 95, 1103-1112.	1.0	10
43	History of radiation detriment and its calculation methodology used in ICRP Publication 103. Journal of Radiological Protection, 2019, 39, R19-R36.	0.6	25
44	Risk of cataract removal surgery in Mayak PA workers occupationally exposed to ionizing radiation over prolonged periods. Radiation and Environmental Biophysics, 2019, 58, 139-149.	0.6	18
45	Exploring the legacy and impact of historical IJRB articles and contributions to ICRP publications and Radiation Research articles through graphical reference mapping. International Journal of Radiation Biology, 2019, 95, 802-815.	1.0	1
46	Cataractogenic load â€“ A concept to study the contribution of ionizing radiation to accelerated aging in the eye lens. Mutation Research - Reviews in Mutation Research, 2019, 779, 68-81.	2.4	49
47	Outline of NCRP Report No. 180 â€œManagement of Exposure to Ionizing Radiation: Radiation Protection Guidance for the United Statesâ€• Japanese Journal of Health Physics, 2019, 54, 89-102.	0.1	1
48	DEPTH DISTRIBUTIONS OF RBE-WEIGHTED DOSE and PHOTON-ISOEFFECTIVE DOSE FOR BORON NEUTRON CAPTURE THERAPY. Radiation Protection Dosimetry, 2019, 183, 247-250.	0.4	7
49	Funding for radiation research: past, present and future. International Journal of Radiation Biology, 2019, 95, 816-840.	1.0	17
50	Microdosimetric Modeling of Biological Effectiveness for Boron Neutron Capture Therapy Considering Intra- and Intercellular Heterogeneity in 10B Distribution. Scientific Reports, 2018, 8, 988.	1.6	53
51	Toward tailoring radiation protection strategies at an individual level. International Journal of Radiation Biology, 2018, 94, 951-954.	1.0	5
52	Risk of various types of cataracts in a cohort of Mayak workers following chronic occupational exposure to ionizing radiation. European Journal of Epidemiology, 2018, 33, 1193-1204.	2.5	44
53	Occupational radiation exposure and risk of cataract incidence in a cohort of US radiologic technologists. European Journal of Epidemiology, 2018, 33, 1179-1191.	2.5	59
54	Occupational radiation exposure and glaucoma and macular degeneration in the US radiologic technologists. Scientific Reports, 2018, 8, 10481.	1.6	15

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55	Outline of NCRP Commentary No. 27 â€œImplications of Recent Epidemiologic Studies for the Linear Nonthreshold Model and Radiation Protectionâ€. Japanese Journal of Health Physics, 2018, 53, 47-64.	0.1	4
56	Recent Topics in Epidemiology and Risk Estimation for Medical Exposures to Ionizing Radiation. Japanese Journal of Health Physics, 2018, 53, 136-145.	0.1	0
57	Ionizing radiation sensitivity of the ocular lens and its dose rate dependence. International Journal of Radiation Biology, 2017, 93, 1024-1034.	1.0	43
58	Current situations and discussions in Japan in relation to the new occupational equivalent dose limit for the lens of the eye. Journal of Radiological Protection, 2017, 37, 659-683.	0.6	18
59	Introduction to the Bill Morgan Memorial Special Issue on Biology, Epidemiology, and Implications for Radiation Protection. International Journal of Radiation Biology, 2017, 93, 1003-1008.	1.0	3
60	Guidance on radiation dose limits for the lens of the eye: overview of the recommendations in NCRP Commentary No. 26. International Journal of Radiation Biology, 2017, 93, 1015-1023.	1.0	60
61	Metastasis of breast cancer cells to the bone, lung, and lymph nodes promotes resistance to ionizing radiation. Strahlentherapie Und Onkologie, 2017, 193, 848-855.	1.0	13
62	National Council on Radiation Protection and Measurements Commentary Number 26: Impact of Revised Guidance on Radiation Protection for the Lens of the Eye. Journal of the American College of Radiology, 2017, 14, 980-982.	0.9	11
63	Ionizing radiation response of primary normal human lens epithelial cells. PLoS ONE, 2017, 12, e0181530.	1.1	24
64	Issues behind Radiation Management of Workers at Fukushima Nuclear Power Plant of Tokyo Electric Power Company. Japanese Journal of Health Physics, 2017, 52, 88-99.	0.1	5
65	Outline of the 2017 Annual Meeting of the NCRP PAC1. Japanese Journal of Health Physics, 2017, 52, 139-142.	0.1	0
66	Risk of Cataract Incidence in a Cohort of Mayak PA Workers following Chronic Occupational Radiation Exposure. PLoS ONE, 2016, 11, e0164357.	1.1	31
67	Status of NCRP Scientific Committee 1â€23 Commentary on Guidance on Radiation Dose Limits for the Lens of the Eye. Health Physics, 2016, 110, 182-184.	0.3	25
68	Quantitative assessment of provability of radiation-related cancers considering unavoidable existence of unadjusted risk factors. Journal of Radiological Protection, 2016, 36, 865-884.	0.6	9
69	Individual response to ionizing radiation. Mutation Research - Reviews in Mutation Research, 2016, 770, 369-386.	2.4	124
70	Ionizing radiation induced cataracts: Recent biological and mechanistic developments and perspectives for future research. Mutation Research - Reviews in Mutation Research, 2016, 770, 238-261.	2.4	105
71	William F. Morgan (1952â€“2015). Mutation Research - Reviews in Mutation Research, 2016, 770, 387-388.	2.4	5
72	No evidence for an increase in circulatory disease mortality in astronauts following space radiation exposures. Life Sciences in Space Research, 2016, 10, 53-56.	1.2	39

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73	Cataractogenesis following high-LET radiation exposure. Mutation Research - Reviews in Mutation Research, 2016, 770, 262-291.	2.4	37
74	A study on the effect of the internal exposure to 210Po on the excretion of urinary proteins in rats. Radiation and Environmental Biophysics, 2016, 55, 161-169.	0.6	0
75	Induction of Non-Targeted Stress Responses in Mammary Tissues by Heavy Ions. PLoS ONE, 2015, 10, e0136307.	1.1	14
76	Role of carcinogenesis related mechanisms in cataractogenesis and its implications for ionizing radiation cataractogenesis. Cancer Letters, 2015, 368, 262-274.	3.2	46
77	Dependence of the bystander effect for micronucleus formation on dose of heavy-ion radiation in normal human fibroblasts. Radiation Protection Dosimetry, 2015, 166, 152-156.	0.4	14
78	Addendum Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (â…¡). Japanese Journal of Health Physics, 2015, 50, 257-261.	0.1	1
79	Addendum Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (â…¢). Japanese Journal of Health Physics, 2015, 50, 262-268.	0.1	1
80	Addendum Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (I). Japanese Journal of Health Physics, 2015, 50, 200a-200a.	0.1	0
81	Interim Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (IV). Japanese Journal of Health Physics, 2015, 50, 67-75.	0.1	0
82	Addendum Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (I). Japanese Journal of Health Physics, 2015, 50, 249-256.	0.1	1
83	Interim Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (V). Japanese Journal of Health Physics, 2015, 50, 76-89.	0.1	3
84	Interim Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (VI). Japanese Journal of Health Physics, 2015, 50, 128-137.	0.1	0
85	Ionizing Irradiation Not Only Inactivates Clonogenic Potential in Primary Normal Human Diploid Lens Epithelial Cells but Also Stimulates Cell Proliferation in a Subset of This Population. PLoS ONE, 2014, 9, e98154.	1.1	39
86	Model Assembly for Estimating Cell Surviving Fraction for Both Targeted and Nontargeted Effects Based on Microdosimetric Probability Densities. PLoS ONE, 2014, 9, e114056.	1.1	17
87	A branching process model for the analysis of abortive colony size distributions in carbon ion-irradiated normal human fibroblasts. Journal of Radiation Research, 2014, 55, 423-431.	0.8	3
88	Nuclear accumulation of cyclin D1 following long-term fractionated exposures to low-dose ionizing radiation in normal human diploid cells. Cell Cycle, 2014, 13, 1248-1255.	1.3	20
89	Classification of radiation effects for dose limitation purposes: history, current situation and future prospects. Journal of Radiation Research, 2014, 55, 629-640.	0.8	149
90	A novel in vitro survival assay of small intestinal stem cells after exposure to ionizing radiation. Journal of Radiation Research, 2014, 55, 381-390.	0.8	16

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91	Emerging issues in radiogenic cataracts and cardiovascular disease. Journal of Radiation Research, 2014, 55, 831-846.	0.8	69
92	What are the Intracellular Targets and Intratissue Target Cells for Radiation Effects?. Radiation Research, 2014, 181, 9-20.	0.7	18
93	Microdosimetric Analysis Confirms Similar Biological Effectiveness of External Exposure to Gamma-Rays and Internal Exposure to 137Cs, 134Cs, and 131I. PLoS ONE, 2014, 9, e99831.	1.1	10
94	There Will be Early- and Late-Onset Radiation Cataracts That May Arise by Different Pathomechanisms. Japanese Journal of Health Physics, 2014, 49, 131-138.	0.1	2
95	Interim Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (â…¢). Japanese Journal of Health Physics, 2014, 49, 171-179.	0.1	0
96	Interim Report of the JHPS Expert Committee on Radiation Protection of the Lens of the Eye (I). Japanese Journal of Health Physics, 2014, 49, 145-152.	0.1	7
97	Ionizing Radiation Leads to the Replacement and de novo Production of Colonic Lgr5 Stem Cells. Radiation Research, 2013, 179, 637.	0.7	18
98	Anthropogenic Radionuclides in Japanese Food: Environmental and Legal Implications. Environmental Science & Technology, 2013, 47, 1248-1256.	4.6	86
99	Issues Behind Radiation Protection of the Ocular Lens Based on New Dose Limit. Japanese Journal of Health Physics, 2013, 48, 86-96.	0.1	2
100	A Framework for Analysis of Abortive Colony Size Distributions Using a Model of Branching Processes in Irradiated Normal Human Fibroblasts. PLoS ONE, 2013, 8, e70291.	1.1	8
101	ç¾å˜è¢«ãªãçŠ¶æ³ã«ãŠã‹ã‚‚å¸‚è€ƒãƒ¬ãƒ™ãƒ«ã®é«©ç”¨. Atomos, 2013, 55, 106-110.	0.0	1
102	Ionising irradiation alters the dynamics of human long interspersed nuclear elements 1 (LINE1) retrotransposon. Mutagenesis, 2012, 27, 599-607.	1.0	21
103	Safety regulations of food and water implemented in the first year following the Fukushima nuclear accident. Journal of Radiation Research, 2012, 53, 641-671.	0.8	86
104	Food safety regulations: what we learned from the Fukushima nuclear accident. Journal of Environmental Radioactivity, 2012, 111, 83-99.	0.9	160
105	Evaluation of the Relative Biological Effectiveness of Carbon Ion Beams in the Cerebellum Using the Rat Organotypic Slice Culture System. Journal of Radiation Research, 2012, 53, 87-92.	0.8	8
106	Tolerance of Anhydrobiotic Eggs of the TardigradeRamazzottius varieornatusto Extreme Environments. Astrobiology, 2012, 12, 283-289.	1.5	35
107	Effects of Low- and High-LET Radiation on the Salt Chemotaxis Learning in Caenorhabditis elegans. Uchu Seibutsu Kagaku, 2012, 26, 21-25.	1.0	2
108	Behavioral Resistance of Caenorhabditis elegans Against High-LET Radiation Exposure. Uchu Seibutsu Kagaku, 2012, 26, 7-11.	1.0	9

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109	YRBAJ Annual Meeting 2010: Integration of Molecular Biology into Radiation Biology. Journal of Radiation Research, 2011, 52, 387-388.	0.8	0
110	Radiation-induced ICAM-1 Expression via TGF-Î²1 Pathway on Human Umbilical Vein Endothelial Cells; Comparison between X-ray and Carbon-ion Beam Irradiation. Journal of Radiation Research, 2011, 52, 287-292.	0.8	20
111	Signaling Pathways Underpinning the Manifestations of Ionizing Radiation-Induced Bystander Effects. Current Molecular Pharmacology, 2011, 4, 79-95.	0.7	80
112	Nitric Oxide is a Key Molecule Serving as a Bridge between Radiation-Induced Bystander and Adaptive Responses. Current Molecular Pharmacology, 2011, 4, 126-134.	0.7	50
113	Radiation Biology of Caenorhabditis elegans: Germ Cell Response, Aging and Behavior. Journal of Radiation Research, 2010, 51, 107-121.	0.8	46
114	Recent Advances in the Biology of Heavy-Ion Cancer Therapy. Journal of Radiation Research, 2010, 51, 365-383.	0.8	122
115	Enhanced micronucleus formation in the descendants of Î³-ray-irradiated tobacco cells: Evidence for radiation-induced genomic instability in plant cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 691, 41-46.	0.4	9
116	Irradiation With Carbon Ion Beams Induces Apoptosis, Autophagy, and Cellular Senescence in a Human Glioma-Derived Cell Line. International Journal of Radiation Oncology Biology Physics, 2010, 76, 229-241.	0.4	57
117	Heavy ion irradiation induces autophagy in irradiated C2C12 myoblasts and their bystander cells. Journal of Electron Microscopy, 2010, 59, 495-501.	0.9	18
118	Anhydrobiosis-Associated Nuclear DNA Damage and Repair in the Sleeping Chironomid: Linkage with Radioresistance. PLoS ONE, 2010, 5, e14008.	1.1	66
119	Insufficient Membrane Fusion in Dysferlin-Deficient Muscle Fibers after Heavy-Ion Irradiation. Cell Structure and Function, 2009, 34, 11-15.	0.5	12
120	Effects of Ionizing Radiation on Locomotory Behavior and Mechanosensation in Caenorhabditis elegans. Journal of Radiation Research, 2009, 50, 119-125.	0.8	11
121	Microbeam Irradiation Facilities for Radiobiology in Japan and China. Journal of Radiation Research, 2009, 50, A29-A47.	0.8	49
122	Targeted Heavy-Ion Microbeam Irradiation of the Embryo But Not Yolk in the Diapause-Terminated Egg of the Silkworm, Bombyx mori, Induces The Somatic Mutation. Journal of Radiation Research, 2009, 50, 371-375.	0.8	12
123	Recent Insights into the Biological Action of Heavy-Ion Radiation. Journal of Radiation Research, 2009, 50, 1-9.	0.8	85
124	The radiobiological effectiveness of carbon-ion beams on growing neurons. International Journal of Radiation Biology, 2009, 85, 700-709.	1.0	16
125	Ceramide Induces Myogenic Differentiation and Apoptosis in Drosophila Schneider Cells. Journal of Radiation Research, 2009, 50, 161-169.	0.8	7
126	Heavyâ€ionâ€induced bystander killing of human lung cancer cells: Role of gap junctional intercellular communication. Cancer Science, 2009, 100, 684-688.	1.7	61

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127	The Bystander Response to Heavy-Ion Radiation: Intercellular Signaling Between Irradiated and Non-Irradiated Cells. Uchu Seibutsu Kagaku, 2009, 23, 195-201.	1.0	5
128	Proliferation and cell death of human glioblastoma cells after carbon-ion beam exposure: Morphologic and morphometric analyses. Neuropathology, 2008, 28, 408-416.	0.7	14
129	Energetic heavy ions accelerate differentiation in the descendants of irradiated normal human diploid fibroblasts. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 637, 190-196.	0.4	31
130	Temporally distinct response of irradiated normal human fibroblasts and their bystander cells to energetic heavy ions. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 639, 35-44.	0.4	53
131	Expression profiles are different in carbon ion-irradiated normal human fibroblasts and their bystander cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 642, 57-67.	0.4	44
132	Establishment of a Rearing System of the Extremotolerant Tardigrade Ramazzottius varieornatus: A New Model Animal for Astrobiology. Astrobiology, 2008, 8, 549-556.	1.5	119
133	The survival of heavy ion-irradiated Bcl-2 overexpressing radioresistant tumor cells and their progeny. Cancer Letters, 2008, 268, 76-81.	3.2	15
134	Energetic heavy ions overcome tumor radioresistance caused by overexpression of Bcl-2. Radiotherapy and Oncology, 2008, 89, 231-236.	0.3	33
135	The small-molecule Bcl-2 inhibitor HA14-1 sensitizes cervical cancer cells, but not normal fibroblasts, to heavy-ion radiation. Radiotherapy and Oncology, 2008, 89, 227-230.	0.3	15
136	Heavy-Ion Microbeamsâ€"Development and Applications in Biological Studies. IEEE Transactions on Plasma Science, 2008, 36, 1432-1440.	0.6	20
137	Modulatory effect of ionizing radiation on foodâ€NaCl associative learning: the role of Î³ subunit of G protein in Caenorhabditis elegans. FASEB Journal, 2008, 22, 713-720.	0.2	19
138	Effects of Locally Targeted Heavy-ion and Laser Microbeam on Root Hydrotropism in Arabidopsis thaliana. Journal of Radiation Research, 2008, 49, 373-379.	0.8	30
139	Locomotion-Learning Behavior Relationship in Caenorhabditis elegans Following Î³-Ray Irradiation. Journal of Radiation Research, 2008, 49, 285-291.	0.8	17
140	Heavy-Ion Microbeam System at JAEA-Takasaki for Microbeam Biology. Journal of Radiation Research, 2008, 49, 71-82.	0.8	62
141	A LET-Dependent Decrease in the Apoptotic Response of Normal Human Fibroblast Cultures to Isosurvival Doses of Î³-Rays and Energetic Heavy Ions. Uchu Seibutsu Kagaku, 2008, 22, 41-45.	1.0	3
142	Heavy-Ion Microbeam Irradiation Induces Bystander Killing of Human Cells. Uchu Seibutsu Kagaku, 2008, 22, 46-53.	1.0	8
143	Exposure of Normal Human Fibroblasts to Heavy-Ion Radiation Promotes Their Morphological Differentiation. Uchu Seibutsu Kagaku, 2008, 22, 54-58.	1.0	3
144	Development of the Irradiation Method for the First Instar Silkworm Larvae Using Locally Targeted Heavy-ion Microbeam. Journal of Radiation Research, 2007, 48, 247-253.	0.8	19

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145	Role of DNA-PKcs in the bystander effect after low- or high-LET irradiation. International Journal of Radiation Biology, 2007, 83, 73-80.	1.0	34
146	Vulnerability of Feline T-Lymphocytes to Charged Particles. Journal of Veterinary Medical Science, 2007, 69, 605-609.	0.3	4
147	Intercellular and Intracellular Signaling Pathways Mediating Ionizing Radiation-Induced Bystander Effects. Journal of Radiation Research, 2007, 48, 87-95.	0.8	200
148	Vanguards of Paradigm Shift in Radiation Biology: Radiation-Induced Adaptive and Bystander Responses. Journal of Radiation Research, 2007, 48, 97-106.	0.8	147
149	Physiological changes leading to anhydrobiosis improve radiation tolerance in Polypedilum vanderplanki larvae. Journal of Insect Physiology, 2007, 53, 573-579.	0.9	24
150	Heavy Ion Microbeam Irradiation Induces Ultrastructural Changes in Isolated Single Fibers of Skeletal Muscle. Cell Structure and Function, 2007, 32, 51-56.	0.5	16
151	Chemiluminescence ELISA for the Detection of Oxidative DNA Base Damage Using Anti-8-hydroxy-2'-deoxyguanosine Antibody: Application to the Detection of Irradiated Foods. Radioisotopes, 2007, 56, 509-517.	0.1	4
152	Effects of .GAMMA.-Ray Irradiation on Olfactory Adaptation to Benzaldehyde in Caenorhabditis elegans. Uchu Seibutsu Kagaku, 2007, 21, 117-120.	1.0	2
153	Cell cycle arrest and apoptosis inCaenorhabditis elegansgermline cells following heavy-ion microbeam irradiation. International Journal of Radiation Biology, 2006, 82, 31-38.	1.0	50
154	Biological effects of anhydrobiosis in an African chironomid,Polypedilum vanderplankion radiation tolerance. International Journal of Radiation Biology, 2006, 82, 587-592.	1.0	48
155	LET-Dependent Survival of Irradiated Normal Human Fibroblasts and Their Descendents. Radiation Research, 2006, 166, 24-30.	0.7	72
156	Histone H2AX Phosphorylation in Normal Human Cells Irradiated with Focused Ultrasoft X Rays: Evidence for Chromatin Movement during Repair. Radiation Research, 2006, 166, 31-38.	0.7	37
157	Distinct Modes of Cell Death by Ionizing Radiation Observed in Two Lines of Feline T-Lymphocytes. Journal of Radiation Research, 2006, 47, 237-243.	0.8	12
158	Killing of Feline T-Lymphocytes by Gamma-Rays and Energetic Carbon Ions. Journal of Veterinary Medical Science, 2006, 68, 1269-1273.	0.3	5
159	Effects of Gamma Irradiation on BCL2 and TPR53BP2 Expression in the Porcine Ciliary Body. Experimental Animals, 2006, 55, 375-381.	0.7	0
160	Radiation tolerance in the tardigradeMilnesium tardigradum. International Journal of Radiation Biology, 2006, 82, 843-848.	1.0	171
161	Estimation of radiation tolerance to high LET heavy ions in an anhydrobiotic insect,Polypedilum vanderplanki. International Journal of Radiation Biology, 2006, 82, 835-842.	1.0	24
162	Microbeams of Heavy Charged Particles. Uchu Seibutsu Kagaku, 2004, 18, 235-240.	1.0	33

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163	Heat stress and gap junctions. International Congress Series, 2003, 1258, 277-280.	0.2	0
164	Gap junctional intercellular communication and cellular response to heat stress. Carcinogenesis, 2003, 24, 1723-1728.	1.3	25
165	A low-pH culture condition enhances the radiosensitizing effect of wortmannin. International Journal of Radiation Oncology Biology Physics, 2001, 49, 1149-1156.	0.4	6
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