

# Animal Models for Medical Countermeasures to Radiati

Radiation Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Introduction to the Special BR-RIDGE Issue. <i>Radiation Research</i> , 2010, 173, 403-405.	0.7	0
2	The NIAID Radiation Countermeasures Program Business Model. <i>Biosecurity and Bioterrorism</i> , 2010, 8, 357-363.	1.2	13
4	Development and Licensure of Medical Countermeasures for Platelet Regeneration after Radiation Exposure. <i>Radiation Research</i> , 2011, 176, 134-137.	0.7	15
5	Captopril and Losartan for Mitigation of Renal Injury Caused by Single-Dose Total-Body Irradiation. <i>Radiation Research</i> , 2011, 175, 29-36.	0.7	78
6	Hematopoietic Radiation Syndrome in the Gottingen Minipig. <i>Radiation Research</i> , 2011, 176, 89-101.	0.7	54
7	Hematological Changes as Prognostic Indicators of Survival: Similarities Between Gottingen Minipigs, Humans, and Other Large Animal Models. <i>PLoS ONE</i> , 2011, 6, e25210.	1.1	59
8	Using Genetically Engineered Mice for Radiation Research. <i>Radiation Research</i> , 2011, 176, 275-279.	0.7	15
10	Re: Davis et al., "Timing of captopril administration determines radiation protection or radiation sensitization in a murine model of total body irradiation". <i>Experimental Hematology</i> , 2011, 39, 521-522.	0.2	9
11	Response to Moulder et al., "Re: Davis et al., "Timing of captopril administration determines radiation protection or radiation sensitization in a murine model of total body irradiation". <i>Experimental Hematology</i> , 2011, 39, 522-524.	0.2	1
12	Acute radiation syndrome caused by accidental radiation exposure - therapeutic principles. <i>BMC Medicine</i> , 2011, 9, 126.	2.3	129
13	Radiation Injury After a Nuclear Detonation: Medical Consequences and the Need for Scarce Resources Allocation. <i>Disaster Medicine and Public Health Preparedness</i> , 2011, 5, S32-S44.	0.7	183
14	A Further Comparison of Pathologies after Thoracic Irradiation among Different Mouse Strains: Finding the Best Preclinical Model for Evaluating Therapies Directed Against Radiation-Induced Lung Damage. <i>Radiation Research</i> , 2011, 175, 510-518.	0.7	66
15	An ear punch model for studying the effect of radiation on wound healing. <i>International Journal of Radiation Biology</i> , 2011, 87, 869-877.	1.0	5
16	Mouse genetic approaches applied to the normal tissue radiation response. <i>Frontiers in Oncology</i> , 2012, 2, 94.	1.3	17
17	Hyaluronic acid is radioprotective in the intestine through a TLR4 and COX-2-mediated mechanism. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G309-G316.	1.6	45
18	Initial medical diagnosis of patients severely irradiated in the accident with 60Co in Bulgaria. <i>Radiation Protection Dosimetry</i> , 2012, 151, 640-644.	0.4	10
19	Dose-modifying factor for captopril for mitigation of radiation injury to normal lung. <i>Journal of Radiation Research</i> , 2012, 53, 633-640.	0.8	41
20	Short-Term Treatment with a SOD/Catalase Mimetic, EUK-207, Mitigates Pneumonitis and Fibrosis after Single-Dose Total-Body or Whole-Thoracic Irradiation. <i>Radiation Research</i> , 2012, 178, 468-480.	0.7	37

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21	Development and Licensure of Medical Countermeasures to Treat Lung Damage Resulting from a Radiological or Nuclear Incident. <i>Radiation Research</i> , 2012, 177, 717-721.	0.7	31
22	MyD88 provides a protective role in long-term radiation-induced lung injury. <i>International Journal of Radiation Biology</i> , 2012, 88, 335-347.	1.0	36
23	Lactobacillus probiotic protects intestinal epithelium from radiation injury in a TLR-2/cyclo-oxygenase-2-dependent manner. <i>Gut</i> , 2012, 61, 829-838.	6.1	210
24	Research progress in the radioprotective effect of superoxide dismutase. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	0.6	9
25	Establishing a Murine Model of the Hematopoietic Syndrome of the Acute Radiation Syndrome. <i>Health Physics</i> , 2012, 103, 343-355.	0.3	125
26	Angiotensin Converting Enzyme Inhibitors Mitigate Collagen Synthesis Induced by a Single Dose of Radiation to the Whole Thorax. <i>Journal of Radiation Research</i> , 2012, 53, 10-17.	0.8	66
27	Development and Dosimetry of a Small Animal Lung Irradiation Platform. <i>Health Physics</i> , 2012, 103, 454-462.	0.3	14
28	IL-1 Generated Subsequent to Radiation-Induced Tissue Injury Contributes to the Pathogenesis of Radiodermatitis. <i>Radiation Research</i> , 2012, 178, 166-172.	0.7	51
29	A Preclinical Rodent Model of Radiation-induced Lung Injury for Medical Countermeasure Screening in Accordance With the FDA Animal Rule. <i>Health Physics</i> , 2012, 103, 463-473.	0.3	67
30	The MCART Consortium Animal Models Series. <i>Health Physics</i> , 2012, 103, 340-342.	0.3	19
31	Mitigation of radiation induced pulmonary vascular injury by delayed treatment with captopril. <i>Respirology</i> , 2012, 17, 1261-1268.	1.3	28
32	Î±-Tocopherol Succinate Protects Mice against Radiation-Induced Gastrointestinal Injury. <i>Radiation Research</i> , 2012, 177, 133-145.	0.7	51
33	Elevating body temperature enhances hematopoiesis and neutrophil recovery after total body irradiation in an IL-1â€“, IL-17â€“, and G-CSFâ€“dependent manner. <i>Blood</i> , 2012, 120, 2600-2609.	0.6	37
35	HemaMaxâ„¢, a Recombinant Human Interleukin-12, Is a Potent Mitigator of Acute Radiation Injury in Mice and Non-Human Primates. <i>PLoS ONE</i> , 2012, 7, e30434.	1.1	51
36	Effect of Total Body X-ray Irradiation on Lymph Node in Tibet Minipig. <i>Journal of Radiation Research</i> , 2012, 53, 18-23.	0.8	4
37	A review of radiation countermeasure work ongoing at the Armed Forces Radiobiology Research Institute. <i>International Journal of Radiation Biology</i> , 2012, 88, 296-310.	1.0	75
38	Radiation damage to the lung: Mitigation by angiotensinâ€“converting enzyme (ACE) inhibitors. <i>Respirology</i> , 2012, 17, 66-71.	1.3	88
39	Novel Facts About FAK: New Connections to Drug Resistance?. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1430-1431.	3.0	6

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40	Mitigation and Treatment of Radiation-Induced Thoracic Injury With a Cyclooxygenase-2 Inhibitor, Celecoxib. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 472-476.	0.4	26
41	Delta-Tocotrienol Protects Mice from Radiation-Induced Gastrointestinal Injury. <i>Radiation Research</i> , 2013, 180, 649-657.	0.7	31
42	Chemoprevention by N-acetylcysteine of low-dose CT-induced murine lung tumorigenesis. <i>Carcinogenesis</i> , 2013, 34, 319-324.	1.3	7
43	Radioprotective role of clinical drug diclofenac sodium. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 755, 156-162.	0.9	16
44	Lung Irradiation Increases Mortality After Influenza A Virus Challenge Occurring Late After Exposure. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 128-135.	0.4	10
45	Intestinal organoids as tissue surrogates for toxicological and pharmacological studies. <i>Biochemical Pharmacology</i> , 2013, 85, 1721-1726.	2.0	36
46	Exacerbation of Lung Radiation Injury by Viral Infection: The Role of Clara Cells and Clara Cell Secretory Protein. <i>Radiation Research</i> , 2013, 179, 617-629.	0.7	24
47	Stem Cell Senescence: A Double-Edged Sword?. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1429-1430.	3.0	3
48	Meeting Report. <i>Veterinary Pathology</i> , 2013, 50, 1145-1153.	0.8	4
49	Effect of SPE-like Proton or Photon Radiation on the Kinetics of Mouse Peripheral Blood Cells and Radiation Biological Effectiveness Determinations. <i>Astrobiology</i> , 2013, 13, 570-577.	1.5	27
50	Mouse Models of Radiation-Induced Cancers. <i>Advances in Genetics</i> , 2013, 84, 83-122.	0.8	14
51	Enalapril Mitigates Focal Alveolar Lesions, A Histological Marker of Late Pulmonary Injury by Radiation to the Lung. <i>Radiation Research</i> , 2013, 179, 465-474.	0.7	17
52	A Dose-Dependent Hematological Evaluation of Whole-Body Gamma-Irradiation in the Göttingen Minipig. <i>Health Physics</i> , 2013, 105, 245-252.	0.3	7
53	Mouse Models for Efficacy Testing of Agents against Radiation Carcinogenesis – A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 107-143.	1.2	8
54	The Importance of Dosimetry Standardization in Radiobiology. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2013, 118, 403.	0.4	94
55	Acute radiation enteritis caused by dose-dependent radiation exposure in dogs: Experimental research. <i>Experimental Biology and Medicine</i> , 2014, 239, 1543-1556.	1.1	11
56	Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. <i>Nature Communications</i> , 2014, 5, 3492.	5.8	119
57	Toward an organ based dose prescription method for the improved accuracy of murine dose in orthovoltage x-ray irradiators. <i>Medical Physics</i> , 2014, 41, 034101.	1.6	15

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58	Radiation-induced myeloid leukemia in murine models. <i>Human Genomics</i> , 2014, 8, 13.	1.4	23
59	Model Development and Use of ACE Inhibitors for Preclinical Mitigation of Radiation-Induced Injury to Multiple Organs. <i>Radiation Research</i> , 2014, 182, 545-555.	0.7	54
60	The Protective Role of Interleukin-11 Against Neutron Radiation Injury in Mouse Intestines via MEK/ERK and PI3K/Akt Dependent Pathways. <i>Digestive Diseases and Sciences</i> , 2014, 59, 1406-1414.	1.1	26
61	Bone marrow "on a" chip replicates hematopoietic niche physiology in vitro. <i>Nature Methods</i> , 2014, 11, 663-669.	9.0	369
62	Radiation countermeasure agents: an update (2011 - 2014). <i>Expert Opinion on Therapeutic Patents</i> , 2014, 24, 1229-1255.	2.4	85
63	Inhibiting Glycogen Synthase Kinase-3 Mitigates the Hematopoietic Acute Radiation Syndrome in Mice. <i>Radiation Research</i> , 2014, 181, 445-451.	0.7	14
64	Metabolic Phenotyping Reveals a Lipid Mediator Response to Ionizing Radiation. <i>Journal of Proteome Research</i> , 2014, 13, 4143-4154.	1.8	62
65	Vasculotide, an Angiopoietin-1 mimetic, reduces acute skin ionizing radiation damage in a preclinical mouse model. <i>BMC Cancer</i> , 2014, 14, 614.	1.1	21
66	Development and validation of a LC-MS/MS assay for quantitation of plasma citrulline for application to animal models of the acute radiation syndrome across multiple species. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4663-4675.	1.9	34
67	Randomized comparison of single dose of recombinant human IL-12 versus placebo for restoration of hematopoiesis and improved survival in rhesus monkeys exposed to lethal radiation. <i>Journal of Hematology and Oncology</i> , 2014, 7, 31.	6.9	34
68	Cardiac to cancer: Connecting connexins to clinical opportunity. <i>FEBS Letters</i> , 2014, 588, 1349-1364.	1.3	39
69	ALERT - Adverse Late Effects of Cancer Treatment. <i>Medical Radiology</i> , 2014, , .	0.0	2
70	Genistein Alleviates Radiation-Induced Pneumonitis by Depressing Ape1/Ref-1 Expression to Down-regulate Inflammatory Cytokines. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 725-733.	0.9	27
71	Method for validating radiobiological samples using a linear accelerator. <i>EPJ Techniques and Instrumentation</i> , 2014, 1, .	0.5	5
72	Microbial regulation and protective effects of yerba mate ( <i>IlexÂparaguariensis</i> ) in gamma-irradiated mice intestine. <i>Journal of Radiation Research and Applied Sciences</i> , 2014, 7, 64-73.	0.7	4
73	Inhibition of HAS2 induction enhances the radiosensitivity of cancer cells via persistent DNA damage. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 796-801.	1.0	9
75	The Delayed Pulmonary Syndrome Following Acute High-dose Irradiation. <i>Health Physics</i> , 2014, 106, 56-72.	0.3	70
76	Long-Lasting Impact of Neonatal Exposure to Total Body Gamma Radiation on Secondary Lymphoid Organ Structure and Function. <i>Radiation Research</i> , 2015, 184, 352-366.	0.7	3

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77	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27575.	5.5	28
78	CCM-AMI, a Polyethylene Glycol Micelle with Amifostine, as an Acute Radiation Syndrome Protectant in C57BL/6 Mice. <i>Health Physics</i> , 2015, 109, 242-248.	0.3	9
79	Proposal for a Simple and Efficient Monthly Quality Management Program Assessing the Consistency of Robotic Image-Guided Small Animal Radiation Systems. <i>Health Physics</i> , 2015, 109, S190-S199.	0.3	10
80	An Interlaboratory Validation of the Radiation Dose Response Relationship (DRR) for H-ARS in the Rhesus Macaque. <i>Health Physics</i> , 2015, 109, 502-510.	0.3	30
81	Delayed Effects of Acute Radiation Exposure in a Murine Model of the H-ARS. <i>Health Physics</i> , 2015, 109, 511-521.	0.3	48
82	Medical Countermeasures for Radiation Exposure and Related Injuries. <i>Health Physics</i> , 2015, 108, 607-630.	0.3	113
83	Citrulline as a Biomarker in the Murine Total-Body Irradiation Model. <i>Health Physics</i> , 2015, 109, 452-465.	0.3	38
84	KrÄppel-Like Factor 5 Promotes Epithelial Proliferation and DNA Damage Repair in the Intestine of Irradiated Mice. <i>International Journal of Biological Sciences</i> , 2015, 11, 1458-1468.	2.6	22
85	Quarter-Millimeter-Resolution Molecular Mouse Imaging with U-SPECT <sup>+</sup>. <i>Molecular Imaging</i> , 2015, 14, 7290.2014.00053.	0.7	36
86	Delta-Tocotrienol Suppresses Radiation-Induced MicroRNA-30 and Protects Mice and Human CD34+ Cells from Radiation Injury. <i>PLoS ONE</i> , 2015, 10, e0122258.	1.1	33
87	Coniferyl Aldehyde Attenuates Radiation Enteropathy by Inhibiting Cell Death and Promoting Endothelial Cell Function. <i>PLoS ONE</i> , 2015, 10, e0128552.	1.1	16
88	The Toll-Like Receptor 5 Agonist Entolimod Mitigates Lethal Acute Radiation Syndrome in Non-Human Primates. <i>PLoS ONE</i> , 2015, 10, e0135388.	1.1	44
89	Nonhuman Primate Models of Human Disease. , 2015, , 257-277.		1
90	New Approaches to Radiation Protection. <i>Frontiers in Oncology</i> , 2014, 4, 381.	1.3	91
91	Whole-Lung Irradiation Results in Pulmonary Macrophage Alterations that are Subpopulation and Strain Specific. <i>Radiation Research</i> , 2015, 184, 639.	0.7	55
92	Examining the Effects of External or Internal Radiation Exposure of Juvenile Mice on Late Morbidity after Infection with Influenza A. <i>Radiation Research</i> , 2015, 184, 3-13.	0.7	12
93	Subject-Based versus Population-Based Care after Radiation Exposure. <i>Radiation Research</i> , 2015, 184, 46.	0.7	28
94	Whole-thorax irradiation induces hypoxic respiratory failure, pleural effusions and cardiac remodeling. <i>Journal of Radiation Research</i> , 2015, 56, 248-260.	0.8	44

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95	Novel regenerative peptide TP508 mitigates radiation-induced gastrointestinal damage by activating stem cells and preserving crypt integrity. <i>Laboratory Investigation</i> , 2015, 95, 1222-1233.	1.7	27
96	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L879-L887.	1.3	37
97	Role of matrix metalloproteinases in radiation-induced lung injury in alveolar epithelial cells of Bama minipigs. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1437-1444.	0.8	13
98	Are We Ready for a Radiological Terrorist Attack Yet? Report From the Centers for Medical Countermeasures Against Radiation Network. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 504-505.	0.4	17
99	Protective effect of sesamol against <sup>60</sup> Co $\beta$ -ray-induced hematopoietic and gastrointestinal injury in C57BL/6 male mice. <i>Free Radical Research</i> , 2015, 49, 1344-1361.	1.5	35
101	Animal models for acute radiation syndrome drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 497-517.	2.5	104
102	Total Body Irradiation in the "Hematopoietic" Dose Range Induces Substantial Intestinal Injury in Non-Human Primates. <i>Radiation Research</i> , 2015, 184, 545-553.	0.7	27
103	Radioprotective potential of melatonin against <sup>60</sup> Co $\beta$ -ray-induced testicular injury in male C57BL/6 mice. <i>Journal of Biomedical Science</i> , 2015, 22, 61.	2.6	90
104	Global Metabolomic Identification of Long-Term Dose-Dependent Urinary Biomarkers in Nonhuman Primates Exposed to Ionizing Radiation. <i>Radiation Research</i> , 2015, 184, 121.	0.7	53
105	A systematic evaluation of abscopal responses following radiotherapy in patients with metastatic melanoma treated with ipilimumab. <i>Oncolmmunology</i> , 2015, 4, e1046028.	2.1	191
106	SOX9 Maintains Reserve Stem Cells and Preserves Radioresistance in Mouse Small Intestine. <i>Gastroenterology</i> , 2015, 149, 1553-1563.e10.	0.6	142
107	Radiation and Inflammation. <i>Seminars in Radiation Oncology</i> , 2015, 25, 4-10.	1.0	185
108	1,4-Naphthoquinone, a pro-oxidant, ameliorated radiation induced gastro-intestinal injury through perturbation of cellular redox and activation of Nrf2 pathway. <i>Drug Discoveries and Therapeutics</i> , 2016, 10, 93-102.	0.6	10
109	Diffuse Optical Spectroscopy for the Quantitative Assessment of Acute Ionizing Radiation Induced Skin Toxicity Using a Mouse Model. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	6
110	Effects of Charged Particles on Human Tumor Cells. <i>Frontiers in Oncology</i> , 2016, 6, 23.	1.3	75
111	Establishment of Early Endpoints in Mouse Total-Body Irradiation Model. <i>PLoS ONE</i> , 2016, 11, e0161079.	1.1	47
112	Neurogenic Effects of Low-Dose Whole-Body HZE (Fe) Ion and Gamma Irradiation. <i>Radiation Research</i> , 2016, 186, 614-623.	0.7	21
113	Combined Hydration and Antibiotics with Lisinopril to Mitigate Acute and Delayed High-dose Radiation Injuries to Multiple Organs. <i>Health Physics</i> , 2016, 111, 410-419.	0.3	58

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114	Mouse models for radiation-induced cancers. <i>Mutagenesis</i> , 2016, 31, 491-509.	1.0	31
115	Mesenchymal stromal cell-derived extracellular vesicles rescue radiation damage to murine marrow hematopoietic cells. <i>Leukemia</i> , 2016, 30, 2221-2231.	3.3	170
116	A survey of changing trends in modelling radiation lung injury in mice: bringing out the good, the bad, and the uncertain. <i>Laboratory Investigation</i> , 2016, 96, 936-949.	1.7	40
117	Emodin protects mice against radiation-induced mortality and intestinal injury via inhibition of apoptosis and modulation of p53. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 311-318.	2.0	15
118	Addressing the Symptoms or Fixing the Problem? Developing Countermeasures against Normal Tissue Radiation Injury. <i>Radiation Research</i> , 2016, 186, 1-16.	0.7	26
119	An amino acid-based oral rehydration solution (AA-ORS) enhanced intestinal epithelial proliferation in mice exposed to radiation. <i>Scientific Reports</i> , 2016, 6, 37220.	1.6	26
120	IPW-5371 Proves Effective as a Radiation Countermeasure by Mitigating Radiation-Induced Late Effects. <i>Radiation Research</i> , 2016, , .	0.7	0
121	Citrulline as a Biomarker for Gastrointestinal-Acute Radiation Syndrome: Species Differences and Experimental Condition Effects. <i>Radiation Research</i> , 2016, 186, 71-78.	0.7	45
122	IPW-5371 Proves Effective as a Radiation Countermeasure by Mitigating Radiation-Induced Late Effects. <i>Radiation Research</i> , 2016, 186, 478-488.	0.7	30
123	Minipigs as models in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 1131-1134.	2.5	28
124	Neurogenic differentiation factor NeuroD confers protection against radiation-induced intestinal injury in mice. <i>Scientific Reports</i> , 2016, 6, 30180.	1.6	8
125	Acute Radiation Syndrome Severity Score System in Mouse Total-Body Irradiation Model. <i>Health Physics</i> , 2016, 111, 134-144.	0.3	15
126	Development of a minipig model for lung injury induced by a single high-dose radiation exposure and evaluation with thoracic computed tomography. <i>Journal of Radiation Research</i> , 2016, 57, 201-209.	0.8	17
127	Evaluating biomarkers to model cancer risk post cosmic ray exposure. <i>Life Sciences in Space Research</i> , 2016, 9, 19-47.	1.2	30
128	Tetracycline hydrochloride: A potential clinical drug for radioprotection. <i>Chemico-Biological Interactions</i> , 2016, 245, 90-99.	1.7	16
129	Melatonin attenuates <sup>60</sup> Co $\gamma$ -induced hematopoietic, immunological and gastrointestinal injuries in C57BL/6 male mice. <i>Environmental Toxicology</i> , 2017, 32, 501-518.	2.1	21
130	Scattered Dose Calculations and Measurements in a Life-Like Mouse Phantom. <i>Radiation Research</i> , 2017, 187, 433-442.	0.7	20
131	Laboratory Models for the Study of Normal and Pathologic Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 654-662.	0.7	30



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132	The Lactate Dehydrogenase Inhibitor Gossypol Inhibits Radiation-Induced Pulmonary Fibrosis. <i>Radiation Research</i> , 2017, 188, 35-43.	0.7	34
133	Impact of Abbreviated Filgrastim Schedule on Survival and Hematopoietic Recovery after Irradiation in Four Mouse Strains with Different Radiosensitivity. <i>Radiation Research</i> , 2017, 187, 659.	0.7	24
134	A Model for Precise and Uniform Pelvic- and Limb-Sparing Abdominal Irradiation to Study the Radiation-Induced Gastrointestinal Syndrome in Mice Using Small Animal Irradiation Systems. <i>Dose-Response</i> , 2017, 15, 155932581668579.	0.7	8
135	Changes in miRNA in the lung and whole blood after whole thorax irradiation in rats. <i>Scientific Reports</i> , 2017, 7, 44132.	1.6	31
136	Thoracic gamma irradiation-induced obesity in C57BL/6 female mice. <i>International Journal of Radiation Biology</i> , 2017, 93, 1334-1342.	1.0	3
137	Genotoxic effects of high dose rate X-ray and low dose rate gamma radiation in <i>Apc<sup>+/+</sup>Min/+</i> mice. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 560-569.	0.9	17
138	Defined Sensing Mechanisms and Signaling Pathways Contribute to the Global Inflammatory Gene Expression Output Elicited by Ionizing Radiation. <i>Immunity</i> , 2017, 47, 421-434.e3.	6.6	43
139	FERAL BIOPOLITICS. Angelaki - <i>Journal of the Theoretical Humanities</i> , 2017, 22, 135-150.	0.3	6
140	Nonhuman primates as models for the discovery and development of radiation countermeasures. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 695-709.	2.5	64
141	A new method for dosimetry standardization using <sup>137</sup> Cs biological irradiator based on Fricke solution. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 784-793.	4.0	0
142	A review of radiation countermeasures focusing on injury-specific medicinals and regulatory approval status: part I. Radiation sub-syndromes, animal models and FDA-approved countermeasures. <i>International Journal of Radiation Biology</i> , 2017, 93, 851-869.	1.0	123
143	A Topical Mitochondria-Targeted Redox-Cycling Nitroxide Mitigates Oxidative Stress-Induced Skin Damage. <i>Journal of Investigative Dermatology</i> , 2017, 137, 576-586.	0.3	37
144	Development of a combined radiation and full thickness burn injury minipig model to study the effects of uncultured adipose-derived regenerative cell therapy in wound healing. <i>International Journal of Radiation Biology</i> , 2017, 93, 340-350.	1.0	16
145	Potential Protective Effects of Ursolic Acid against Gamma Irradiation-Induced Damage Are Mediated through the Modulation of Diverse Inflammatory Mediators. <i>Frontiers in Pharmacology</i> , 2017, 8, 352.	1.6	20
146	High Dose MicroCT Does Not Contribute Toward Improved MicroPET/CT Image Quantitative Accuracy and Can Limit Longitudinal Scanning of Small Animals. <i>Frontiers in Physics</i> , 2017, 5, .	1.0	7
147	Limitations in predicting the space radiation health risk for exploration astronauts. <i>Npj Microgravity</i> , 2018, 4, 8.	1.9	131
148	Normal tissue damage: its importance, history and challenges for the future. <i>British Journal of Radiology</i> , 2019, 92, 20180048.	1.0	12
149	Modeling radiation injury-induced cell death and countermeasure drug responses in a human Gut-on-a-Chip. <i>Cell Death and Disease</i> , 2018, 9, 223.	2.7	138

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150	MÃ–NCH detector enables fast and low-dose free-propagation phase-contrast computed tomography of <i>in situ</i> mouse lungs. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 565-569.	1.0	10
151	Expanded Characterization of a Hemi-Body Shielded GÃ–ttingen Minipig Model of Radiation-induced Gastrointestinal Injury Incorporating Oral Dosing Procedures. <i>Health Physics</i> , 2018, 114, 32-42.	0.3	2
152	Pilot Study of Radiation-induced Gastrointestinal Injury in a Hemi-body Shielded GÃ–ttingen Minipig Model. <i>Health Physics</i> , 2018, 114, 43-57.	0.3	5
153	Cholinergic and cytoprotective signaling cascades mediate the mitigative effect of erythropoietin on acute radiation syndrome. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 442-458.	0.7	8
154	Suppression of luteinizing hormone enhances HSC recovery after hematopoietic injury. <i>Nature Medicine</i> , 2018, 24, 239-246.	15.2	34
155	The Future of Radiobiology. <i>Journal of the National Cancer Institute</i> , 2018, 110, 329-340.	3.0	76
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