

# Akifumi Nakata

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

290  
citations

1040056

9  
h-index

940533

16  
g-index

30  
all docs

30  
docs citations

30  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation-Induced Bystander Effect is Mediated by Mitochondrial DNA in Exosome-Like Vesicles. <i>Scientific Reports</i> , 2019, 9, 9103.	3.3	63
2	Activity concentrations of environmental samples collected in Fukushima Prefecture immediately after the Fukushima nuclear accident. <i>Scientific Reports</i> , 2013, 3, 2283.	3.3	49
3	Analysis of the Effect of Chronic and Low-Dose Radiation Exposure on Spermatogenic Cells of Male Large Japanese Field Mice ( <i>Apodemus speciosus</i> ) after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Radiation Research</i> , 2017, 187, 161.	1.5	36
4	Fetal Irradiation of Rats Induces Persistent Translocations in Mammary Epithelial Cells Similar to the Level after Adult Irradiation, but not in Hematolymphoid Cells. <i>Radiation Research</i> , 2014, 181, 172.	1.5	15
5	A novel parameter, cell-cycle progression index, for radiation dose absorbed estimation in the premature chromosome condensation assay. <i>Radiation Protection Dosimetry</i> , 2014, 159, 52-60.	0.8	14
6	Mutational landscape of T-cell lymphoma in mice lacking the DNA mismatch repair gene Mlh1: no synergism with ionizing radiation. <i>Carcinogenesis</i> , 2019, 40, 216-224.	2.8	14
7	Global Liver Gene Expression Analysis on a Murine Hepatic Steatosis Model Treated with Mulberry ( <i>Morus alba</i> L.) Leaf Powder. <i>Anticancer Research</i> , 2018, 38, 4305-4311.	1.1	11
8	<i>In Vitro</i> Cytotoxicity and Risk Assessments of Environmental Pollutants Using Fibroblasts of a Stranded Finless Porpoise ( <i>Neophocaena asiaeorientalis</i> ). <i>Environmental Science &amp; Technology</i> , 2020, 54, 6832-6841.	10.0	11
9	Distinct structural abnormalities of chromosomes 11 and 12 associated with loss of heterozygosity in X-ray-induced mouse thymic lymphomas. <i>Cancer Genetics and Cytogenetics</i> , 2007, 179, 1-10.	1.0	9
10	Induction of superovulation using inhibin antiserum and competence of embryo development in wild large Japanese field mice ( <i>Apodemus speciosus</i> ). <i>Reproduction in Domestic Animals</i> , 2019, 54, 1637-1642.	1.4	9
11	Seasonal changes in the spermatogenesis of the large Japanese field mice ( <i>Apodemus speciosus</i> ) controlled by proliferation and apoptosis of germ cells. <i>Animal Reproduction Science</i> , 2020, 214, 106288.	1.5	9
12	Morphological reproductive characteristics of testes and fertilization capacity of cryopreserved sperm after the Fukushima accident in raccoon ( <i>Procyon lotor</i> ). <i>Reproduction in Domestic Animals</i> , 2021, 56, 484-497.	1.4	7
13	Chromosomal Aberrations in Japanese Grass Voles in and Around an Illegal Dumpsite at the Aomori-Iwate Prefectural Boundary. <i>Zoological Science</i> , 2008, 25, 307-312.	0.7	6
14	Improved harvest and fixation methodology for isolated human peripheral blood mononuclear cells in cytokinesis-block micronucleus assay. <i>International Journal of Radiation Biology</i> , 2021, 97, 194-207.	1.8	5
15	Extracellular vesicles released from irradiated neonatal mouse cheek tissue increased cell survival after radiation. <i>Journal of Radiation Research</i> , 2021, 62, 73-78.	1.6	5
16	Assessment of chromosome aberrations in large Japanese field mice ( <i>Apodemus speciosus</i> ) in Namie Town, Fukushima. <i>International Journal of Radiation Biology</i> , 2020, , 1-9.	1.8	4
17	Transcriptome Analysis of Skin from SMP30/GNL Knockout Mice Reveals the Effect of Ascorbic Acid Deficiency on Skin and Hair. <i>In Vivo</i> , 2017, 31, 599-607.	1.3	4
18	Rapid isolation of murine primary hepatocytes for chromosomal analysis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 474-478.	1.5	3

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19	Environmental radiation on large Japanese field mice in Fukushima reduced colony forming potential in hematopoietic progenitor cells without inducing genomic instability. <i>International Journal of Radiation Biology</i> , 2020, , 1-12.	1.8	3
20	Implication of p16 inactivation in tumorigenic activity of respiratory epithelial cell lines and adenocarcinoma cell line established from plutonium-induced lung tumor in rat. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 477-486.	1.5	2
21	Co-operative effects of thoracic X-ray irradiation and N-nitrosobis(2-hydroxypropyl) amine administration on lung tumorigenesis in neonatal, juvenile and adult Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2013, 267, 266-275.	2.8	2
22	Influence of anticoagulants and storage temperatures on blood counts and mitotic index of blood samples collected for cytogenetic biodosimetry. <i>International Journal of Radiation Biology</i> , 2019, 95, 186-192.	1.8	2
23	Transition of Radioactive Cesium Deposition in Reproductive Organs of Free-Roaming Cats in Namie Town, Fukushima. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1772.	2.6	2
24	Effects of Kumaizasa ( <i>Sasa senanensis</i> ) Leaf Extract on Innate Immune Regulation in HEK293 Cells and Macrophages. <i>Anticancer Research</i> , 2021, 41, 4093-4100.	1.1	2
25	Modified C-band technique for the analysis of chromosome abnormalities in irradiated human lymphocytes. <i>Radiation Measurements</i> , 2011, 46, 1113-1116.	1.4	1
26	Metabolomic analysis of SMP30/GNL knockout mice treated with fermented vegetable and fruit extract (OM-XA®). <i>Functional Foods in Health and Disease</i> , 2020, 10, 95.	0.6	1
27	Changes in ovarian morphology and hormone concentrations associated with reproductive seasonality in wild large Japanese field mice ( <i>Apodemus speciosus</i> ). <i>Animal Reproduction</i> , 2021, 18, e20210067.	1.0	1
28	Analysis of Radioactive Elements in Testes of Large Japanese Field Mice Using an Electron Probe Micro-Analyser after the Fukushima Accident. , 2020, , .		0
29	Evaluation of Global DNA Methylation and Gene Expression of Izumo1 and Izumo1r in Gonads after High- and Low-Dose Radiation in Neonatal Mice. <i>Biology</i> , 2021, 10, 1270.	2.8	0
30	Evaluation of sperm fertilization capacity of large Japanese field mice ( <i>Apodemus speciosus</i> ) exposed to chronic low dose-rate radiation after the Fukushima accident. <i>Journal of Radiation Research and Applied Sciences</i> , 2022, 15, 186-190.	1.2	0