

# Kentaro Ariyoshi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,076  
citations

933447

10  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1767  
citing authors

#	ARTICLE	IF	CITATIONS
1	From tangled banks to toxic bunnies; a reflection on the issues involved in developing an ecosystem approach for environmental radiation protection. <i>International Journal of Radiation Biology</i> , 2022, 98, 1185-1200.	1.8	17
2	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
3	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
4	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
5	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
6	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
7	ADAR1 RNA editing enzyme regulates R-loop formation and genome stability at telomeres in cancer cells. <i>Nature Communications</i> , 2021, 12, 1654.	12.8	50
8	Cytokinesis-block micronucleus assay performed in 0 and 2 Gy irradiated whole blood and isolated PBMCs in a six-well transwell co-culture system. <i>International Journal of Radiation Biology</i> , 2021, 97, 1631-1640.	1.8	2
9	Radiation emergency medical preparedness for cytogenetic biodosimetry in Hirosaki University, Japan. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
10	Evaluation of Global DNA Methylation and Gene Expression of <i>Izumo1</i> and <i>Izumo1r</i> in Gonads after High- and Low-Dose Radiation in Neonatal Mice. <i>Biology</i> , 2021, 10, 1270.	2.8	0
11	Metal coordination by L-amino acid oxidase derived from flounder <i>Platichthys stellatus</i> is structurally essential and regulates antibacterial activity. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 9645-9654.	3.6	4
12	Cellular kinetics of hematopoietic cells with <i>Sfp1</i> deletion are present at different frequencies in bone-marrow and spleen in X-irradiated mice. <i>International Journal of Radiation Biology</i> , 2020, 96, 1119-1124.	1.8	0
13	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
14	Analysis of Radioactive Elements in Testes of Large Japanese Field Mice Using an Electron Probe Micro-Analyser after the Fukushima Accident. , 2020, , .		0
15	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
16	Radiation-Induced Bystander Effect is Mediated by Mitochondrial DNA in Exosome-Like Vesicles. <i>Scientific Reports</i> , 2019, 9, 9103.	3.3	63
17	Dose-Rate-Dependent PU.1 Inactivation to Develop Acute Myeloid Leukemia in Mice Through Persistent Stem Cell Proliferation After Acute or Chronic Gamma Irradiation. <i>Radiation Research</i> , 2019, 192, 612.	1.5	4
18	Construction of fluorescence in situ hybridization (FISH) translocation dose-response calibration curve with multiple donor data sets using R, based on ISO 20046:2019 recommendations. <i>International Journal of Radiation Biology</i> , 2019, 95, 1668-1684.	1.8	12

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19	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
20	Age Dependence of Radiation-Induced Genomic Instability in Mouse Hematopoietic Stem Cells. <i>Radiation Research</i> , 2018, 190, 623.	1.5	5
21	Radiation-induced bystander effect in large Japanese field mouse ( <i>Apodemus speciosus</i> ) embryonic cells. <i>Radiation and Environmental Biophysics</i> , 2018, 57, 223-231.	1.4	12
22	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
23	Dynamic landscape and regulation of RNA editing in mammals. <i>Nature</i> , 2017, 550, 249-254.	27.8	495
24	Induction of genomic instability and activation of autophagy in artificial human aneuploid cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 790, 19-30.	1.0	23
25	Age Dependence of Hematopoietic Progenitor Survival and Chemokine Family Gene Induction after Gamma Irradiation in Bone Marrow Tissue in C3H/He Mice. <i>Radiation Research</i> , 2014, 181, 302.	1.5	17
26	ADAR1 Forms a Complex with Dicer to Promote MicroRNA Processing and RNA-Induced Gene Silencing. <i>Cell</i> , 2013, 153, 575-589.	28.9	290
27	Specifications of a neutron exposure accelerator system for biological effects experiments (NASBEE) in NIRS. <i>Radiation Physics and Chemistry</i> , 2009, 78, 1216-1219.	2.8	14
28	Introduction of a Normal Human Chromosome 8 Corrects Abnormal Phenotypes of Werner Syndrome Cells Immortalized by Expressing an hTERT Gene. <i>Journal of Radiation Research</i> , 2009, 50, 253-259.	1.6	2
29	Telomere biology: Implications for radiation carcinogenesis. <i>International Congress Series</i> , 2007, 1299, 242-247.	0.2	1
30	Increased Chromosome Instability and Accumulation of DNA Double-strand Breaks in Werner Syndrome Cells. <i>Journal of Radiation Research</i> , 2007, 48, 219-231.	1.6	34