Dmitry Klokov

List of Publications by Year in descending order

40 papers	1,518 citations	430874 18 h-index	345221 36 g-index
40 all docs	40 docs citations	40 times ranked	2127 citing authors

#	Article	IF	Citations
1	Synthesis and Functional Analyses of Nuclear Clusterin, a Cell Death Protein. Journal of Biological Chemistry, 2003, 278, 11590-11600.	3.4	344
2	Residual Î³H2AX foci as an indication of lethal DNA lesions. BMC Cancer, 2010, 10, 4.	2.6	159
3	Endogenous expression of phosphorylated histone H2AX in tumors in relation to DNA double-strand breaks and genomic instability. DNA Repair, 2006, 5, 935-946.	2.8	119
4	Phosphorylated histone H2AX in relation to cell survival in tumor cells and xenografts exposed to single and fractionated doses of X-rays. Radiotherapy and Oncology, 2006, 80, 223-229.	0.6	104
5	Repression of IR-Inducible Clusterin Expression by the p53 Tumor Suppressor Protein. Cancer Biology and Therapy, 2003, 2, 372-380.	3.4	90
6	Explanation for excessive DNA single-strand breaks and endogenous repair foci in pluripotent mouse embryonic stem cells. Experimental Cell Research, 2009, 315, 1505-1520.	2.6	86
7	IR-inducible clusterin gene expression: a protein with potential roles in ionizing radiation-induced adaptive responses, genomic instability, and bystander effects. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 568, 97-110.	1.0	74
8	Vive la radiorÃ©sistance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization. Oncotarget, 2018, 9, 14692-14722.	1.8	62
9	In vivo Î³-irradiation low dose threshold for suppression of DNA double strand breaks below the spontaneous level in mouse blood and spleen cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 141-145.	1.7	47
10	DNA-PK is responsible for enhanced phosphorylation of histone H2AX under hypertonic conditions. DNA Repair, 2005, 4, 1172-1181.	2.8	38
11	Formation of Î³H2AX and pATM Foci in Human Mesenchymal Stem Cells Exposed to Low Dose-Rate Gamma-Radiation. International Journal of Molecular Sciences, 2019, 20, 2645.	4.1	33
12	Î³H2AX, 53BP1 and Rad51 protein foci changes in mesenchymal stem cells during prolonged X-ray irradiation. Oncotarget, 2017, 8, 64317-64329.	1.8	31
13	Diffuse colonies of human skin fibroblasts in relation to cellular senescence and proliferation. Aging, 2017, 9, 1404-1413.	3.1	28
14	Low dose IR-induced IGF-1-sCLU expression: a p53-repressed expression cascade that interferes with TGFÎ²1 signaling to confer a pro-survival bystander effect. Oncogene, 2013, 32, 479-490.	5.9	27
15	Activation of homologous recombination DNA repair in human skin fibroblasts continuously exposed to X-ray radiation. Oncotarget, 2015, 6, 26876-26885.	1.8	26
16	Residual Î³H2AX foci induced by low dose x-ray radiation in bone marrow mesenchymal stem cells do not cause accelerated senescence in the progeny of irradiated cells. Aging, 2017, 9, 2397-2410.	3.1	24
17	Repair of DNA Double-Strand Breaks is Not Modulated by Low-Dose Gamma Radiation in C57BL/6J Mice. Radiation Research, 2014, 181, 548.	1.5	19
18	Accumulation of spontaneous Î³H2AX foci in long-term cultured mesenchymal stromal cells. Aging, 2016, 8, 3498-3506.	3.1	19

#	Article	IF	Citations
19	In vivo animal studies help achieve international consensus on standards and guidelines for health risk estimates for chronic exposure to low levels of tritium in drinking water. Environmental and Molecular Mutagenesis, 2018, 59, 586-594.	2.2	17
20	Funding for radiation research: past, present and future. International Journal of Radiation Biology, 2019, 95, 816-840.	1.8	17
21	The formation of DNA single-strand breaks and alkali-labile sites in human blood lymphocytes exposed to 365-nm UVA radiation. Free Radical Biology and Medicine, 2014, 73, 34-40.	2.9	15
22	Dose and Radioadaptive Response Analysis of Micronucleus Induction in Mouse Bone Marrow. International Journal of Molecular Sciences, 2016, 17, 1548.	4.1	15
23	Histone H2AX Is Involved in FoxO3a-Mediated Transcriptional Responses to Ionizing Radiation to Maintain Genome Stability. International Journal of Molecular Sciences, 2015, 16, 29996-30014.	4.1	14
24	Tritium (3 H) Retention In Mice. Health Physics, 2017, 112, 439-444.	0.5	13
25	Ionizing Radiation and Translation Control: A Link to Radiation Hormesis?. International Journal of Molecular Sciences, 2020, 21, 6650.	4.1	13
26	DNA Comet Giemsa Staining for Conventional Bright-Field Microscopy. International Journal of Molecular Sciences, 2014, 15, 6086-6095.	4.1	12
27	Environmentally Relevant Chronic Low-Dose Tritium and Gamma Exposures do not Increase Somatic Intrachromosomal Recombination in pKZ1 Mouse Spleen. Radiation Research, 2016, 186, 539-548.	1.5	12
28	Cytogenetic damage analysis in mice chronically exposed to low-dose internal tritium beta-particle radiation. Oncotarget, 2018, 9, 27397-27411.	1.8	11
29	The Lack of Cytotoxic Effect and Radioadaptive Response in Splenocytes of Mice Exposed to Low Level Internal β^2-Particle Irradiation through Tritiated Drinking Water in Vivo. International Journal of Molecular Sciences, 2013, 14, 23791-23800.	4.1	10
30	Biomarkers of Genotoxicity in Medical Workers Exposed to Low-Dose Ionizing Radiation: Systematic Review and Meta-Analyses. International Journal of Molecular Sciences, 2021, 22, 7504.	4.1	10
31	Ionizing radiation affects miRNA composition in both young and old mice. International Journal of Radiation Biology, 2019, 95, 1404-1413.	1.8	9
32	Low dose ionizing irradiation suppresses cellular senescence in normal human fibroblasts. International Journal of Radiation Biology, 2018, 94, 825-828.	1.8	7
33	Low-dose radiobiology program at Canadian nuclear laboratories: past, present, and future. International Journal of Radiation Biology, 2019, 95, 1361-1371.	1.8	6
34	Title is missing!. Russian Journal of Genetics, 2002, 38, 1140-1144.	0.6	4
35	Measuring DNA Damage and Repair in Mouse Splenocytes After Chronic In Vivo Exposure to Very Low Doses of Beta- and Gamma-Radiation. Journal of Visualized Experiments, 2015, , e52912.	0.3	2
36	Clusterin: a protein with multiple functions as a potential ionizing radiation exposure marker. International Congress Series, 2003, 1258, 219-232.	0.2	1

#	Article	IF	Citations
37	64 Expression of phosphorylated histone H2AX in cervical cancer cells and xenografts exposed to fractionated doses of X-rays. Radiotherapy and Oncology, 2005, 76, S20.	0.6	0
38	212 Residual gamma-H2AX as a measure of response to single and fractionated doses of ionizing radiation. Radiotherapy and Oncology, 2006, 78, S74.	0.6	0
39	Low dose IR-induced IGF-1-sCLU expression: a p53-repressed expression cascade that interferes with TGF&x00DF;1 signaling to confer survival. Nature Precedings, 2011, , .	0.1	0
40	AN ImageJ-BASED ALGORITHM FOR A SEMI-AUTOMATED METHOD FOR MICROSCOPIC IMAGE ENHANCEMENT AND DNA REPAIR FOCI COUNTING. AECL Nuclear Review, 2015, 4, 75-82.	0.1	0