

# Dmitry Klokov

## List of Publications by Year in descending order

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40  
papers

1,518  
citations

489802

18  
h-index

388640

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomarkers of Genotoxicity in Medical Workers Exposed to Low-Dose Ionizing Radiation: Systematic Review and Meta-Analyses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7504.	1.8	10
2	Ionizing Radiation and Translation Control: A Link to Radiation Hormesis?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6650.	1.8	13
3	Ionizing radiation affects miRNA composition in both young and old mice. <i>International Journal of Radiation Biology</i> , 2019, 95, 1404-1413.	1.0	9
4	Formation of $\gamma$ -H2AX and pATM Foci in Human Mesenchymal Stem Cells Exposed to Low Dose-Rate Gamma-Radiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2645.	1.8	33
5	Low-dose radiobiology program at Canadian nuclear laboratories: past, present, and future. <i>International Journal of Radiation Biology</i> , 2019, 95, 1361-1371.	1.0	6
6	Funding for radiation research: past, present and future. <i>International Journal of Radiation Biology</i> , 2019, 95, 816-840.	1.0	17
7	Vive la radiorésistance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization. <i>Oncotarget</i> , 2018, 9, 14692-14722.	0.8	62
8	<i>In vivo</i> 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. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 586-594.	0.9	17
9	Low dose ionizing irradiation suppresses cellular senescence in normal human fibroblasts. <i>International Journal of Radiation Biology</i> , 2018, 94, 825-828.	1.0	7
10	Cytogenetic damage analysis in mice chronically exposed to low-dose internal tritium beta-particle radiation. <i>Oncotarget</i> , 2018, 9, 27397-27411.	0.8	11
11	Tritium ( $^3\text{H}$ ) Retention In Mice. <i>Health Physics</i> , 2017, 112, 439-444.	0.3	13
12	Diffuse colonies of human skin fibroblasts in relation to cellular senescence and proliferation. <i>Aging</i> , 2017, 9, 1404-1413.	1.4	28
13	Residual $\gamma$ -H2AX 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. <i>Aging</i> , 2017, 9, 2397-2410.	1.4	24
14	$\gamma$ -H2AX, 53BP1 and Rad51 protein foci changes in mesenchymal stem cells during prolonged X-ray irradiation. <i>Oncotarget</i> , 2017, 8, 64317-64329.	0.8	31
15	Dose and Radioadaptive Response Analysis of Micronucleus Induction in Mouse Bone Marrow. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1548.	1.8	15
16	Environmentally Relevant Chronic Low-Dose Tritium and Gamma Exposures do not Increase Somatic Intrachromosomal Recombination in pKZ1 Mouse Spleen. <i>Radiation Research</i> , 2016, 186, 539-548.	0.7	12
17	Accumulation of spontaneous $\gamma$ -H2AX foci in long-term cultured mesenchymal stromal cells. <i>Aging</i> , 2016, 8, 3498-3506.	1.4	19
18	Measuring DNA Damage and Repair in Mouse Splenocytes After Chronic <i>In Vivo</i> Exposure to Very Low Doses of Beta- and Gamma-Radiation. <i>Journal of Visualized Experiments</i> , 2015, , e52912.	0.2	2

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19	Histone H2AX Is Involved in FoxO3a-Mediated Transcriptional Responses to Ionizing Radiation to Maintain Genome Stability. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29996-30014.	1.8	14
20	Activation of homologous recombination DNA repair in human skin fibroblasts continuously exposed to X-ray radiation. <i>Oncotarget</i> , 2015, 6, 26876-26885.	0.8	26
21	AN ImageJ-BASED ALGORITHM FOR A SEMI-AUTOMATED METHOD FOR MICROSCOPIC IMAGE ENHANCEMENT AND DNA REPAIR FOCI COUNTING. <i>AECL Nuclear Review</i> , 2015, 4, 75-82.	0.1	0
22	DNA Comet Giemsa Staining for Conventional Bright-Field Microscopy. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6086-6095.	1.8	12
23	Repair of DNA Double-Strand Breaks is Not Modulated by Low-Dose Gamma Radiation in C57BL/6J Mice. <i>Radiation Research</i> , 2014, 181, 548.	0.7	19
24	The formation of DNA single-strand breaks and alkali-labile sites in human blood lymphocytes exposed to 365-nm UVA radiation. <i>Free Radical Biology and Medicine</i> , 2014, 73, 34-40.	1.3	15
25	Low dose IR-induced IGF-1-sCLU expression: a p53-repressed expression cascade that interferes with TGF $\beta$ 1 signaling to confer a pro-survival bystander effect. <i>Oncogene</i> , 2013, 32, 479-490.	2.6	27
26	In vivo $\hat{1}^3$ -irradiation low dose threshold for suppression of DNA double strand breaks below the spontaneous level in mouse blood and spleen cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 756, 141-145.	0.9	47
27	The Lack of Cytotoxic Effect and Radioadaptive Response in Splenocytes of Mice Exposed to Low Level Internal $\hat{1}^2$ -Particle Irradiation through Tritiated Drinking Water in Vivo. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23791-23800.	1.8	10
28	Low dose IR-induced IGF-1-sCLU expression: a p53-repressed expression cascade that interferes with TGF $\beta$ 1 signaling to confer survival. <i>Nature Precedings</i> , 2011, , .	0.1	0
29	Residual $\hat{1}^3$ H2AX foci as an indication of lethal DNA lesions. <i>BMC Cancer</i> , 2010, 10, 4.	1.1	159
30	Explanation for excessive DNA single-strand breaks and endogenous repair foci in pluripotent mouse embryonic stem cells. <i>Experimental Cell Research</i> , 2009, 315, 1505-1520.	1.2	86
31	Phosphorylated histone H2AX in relation to cell survival in tumor cells and xenografts exposed to single and fractionated doses of X-rays. <i>Radiotherapy and Oncology</i> , 2006, 80, 223-229.	0.3	104
32	212 Residual gamma-H2AX as a measure of response to single and fractionated doses of ionizing radiation. <i>Radiotherapy and Oncology</i> , 2006, 78, S74.	0.3	0
33	Endogenous expression of phosphorylated histone H2AX in tumors in relation to DNA double-strand breaks and genomic instability. <i>DNA Repair</i> , 2006, 5, 935-946.	1.3	119
34	DNA-PK is responsible for enhanced phosphorylation of histone H2AX under hypertonic conditions. <i>DNA Repair</i> , 2005, 4, 1172-1181.	1.3	38
35	64 Expression of phosphorylated histone H2AX in cervical cancer cells and xenografts exposed to fractionated doses of X-rays. <i>Radiotherapy and Oncology</i> , 2005, 76, S20.	0.3	0
36	IR-inducible clusterin gene expression: a protein with potential roles in ionizing radiation-induced adaptive responses, genomic instability, and bystander effects. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 568, 97-110.	0.4	74

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37	Clusterin: a protein with multiple functions as a potential ionizing radiation exposure marker. International Congress Series, 2003, 1258, 219-232.	0.2	1
38	Synthesis and Functional Analyses of Nuclear Clusterin, a Cell Death Protein. Journal of Biological Chemistry, 2003, 278, 11590-11600.	1.6	344
39	Repression of IR-Inducible Clusterin Expression by the p53 Tumor Suppressor Protein. Cancer Biology and Therapy, 2003, 2, 372-380.	1.5	90
40	Title is missing!. Russian Journal of Genetics, 2002, 38, 1140-1144.	0.2	4