

# Dmitry Klovov

## List of Publications by Year in descending order

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40  
papers

1,518  
citations

430874  
18  
h-index

345221  
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g-index

40  
all docs

40  
docs citations

40  
times ranked

2127  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Ionizing Radiation and Translation Control: A Link to Radiation Hormesis?. International Journal of Molecular Sciences, 2020, 21, 6650.	4.1	13
3	Ionizing radiation affects miRNA composition in both young and old mice. International Journal of Radiation Biology, 2019, 95, 1404-1413.	1.8	9
4	Formation of $\gamma$ -H2AX 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
5	Low-dose radiobiology program at Canadian nuclear laboratories: past, present, and future. International Journal of Radiation Biology, 2019, 95, 1361-1371.	1.8	6
6	Funding for radiation research: past, present and future. International Journal of Radiation Biology, 2019, 95, 816-840.	1.8	17
7	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
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. Environmental and Molecular Mutagenesis, 2018, 59, 586-594.	2.2	17
9	Low dose ionizing irradiation suppresses cellular senescence in normal human fibroblasts. International Journal of Radiation Biology, 2018, 94, 825-828.	1.8	7
10	Cytogenetic damage analysis in mice chronically exposed to low-dose internal tritium beta-particle radiation. Oncotarget, 2018, 9, 27397-27411.	1.8	11
11	Tritium ( $^3\text{H}$ ) Retention In Mice. Health Physics, 2017, 112, 439-444.	0.5	13
12	Diffuse colonies of human skin fibroblasts in relation to cellular senescence and proliferation. Aging, 2017, 9, 1404-1413.	3.1	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. Aging, 2017, 9, 2397-2410.	3.1	24
14	$\gamma$ -H2AX, 53BP1 and Rad51 protein foci changes in mesenchymal stem cells during prolonged X-ray irradiation. Oncotarget, 2017, 8, 64317-64329.	1.8	31
15	Dose and Radioadaptive Response Analysis of Micronucleus Induction in Mouse Bone Marrow. International Journal of Molecular Sciences, 2016, 17, 1548.	4.1	15
16	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
17	Accumulation of spontaneous $\gamma$ -H2AX foci in long-term cultured mesenchymal stromal cells. Aging, 2016, 8, 3498-3506.	3.1	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. Journal of Visualized Experiments, 2015, , e52912.	0.3	2

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19	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
20	Activation of homologous recombination DNA repair in human skin fibroblasts continuously exposed to X-ray radiation. Oncotarget, 2015, 6, 26876-26885.	1.8	26
21	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
22	DNA Comet Giemsa Staining for Conventional Bright-Field Microscopy. International Journal of Molecular Sciences, 2014, 15, 6086-6095.	4.1	12
23	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
24	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
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. Oncogene, 2013, 32, 479-490.	5.9	27
26	In vivo $\gamma$ -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
27	The Lack of Cytotoxic Effect and Radioadaptive Response in Splenocytes of Mice Exposed to Low Level Internal $\beta$ -Particle Irradiation through Tritiated Drinking Water in Vivo. International Journal of Molecular Sciences, 2013, 14, 23791-23800.	4.1	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. Nature Precedings, 2011, , .	0.1	0
29	Residual $\gamma$ -H2AX foci as an indication of lethal DNA lesions. BMC Cancer, 2010, 10, 4.	2.6	159
30	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
31	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
32	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
33	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
34	DNA-PK is responsible for enhanced phosphorylation of histone H2AX under hypertonic conditions. DNA Repair, 2005, 4, 1172-1181.	2.8	38
35	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
36	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

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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.	3.4	344
39	Repression of IR-Inducible Clusterin Expression by the p53 Tumor Suppressor Protein. Cancer Biology and Therapy, 2003, 2, 372-380.	3.4	90
40	Title is missing!. Russian Journal of Genetics, 2002, 38, 1140-1144.	0.6	4