

Yuri E Dubrova

List of Publications by Year in descending order

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85
papers

4,673
citations

94433

37
h-index

98798

67
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87
all docs

87
docs citations

87
times ranked

2942
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	Radiation-induced transgenerational effects in animals. <i>International Journal of Radiation Biology</i> , 2022, 98, 1047-1053.	1.8	9
3	No evidence of increased mutations in the germline of a group of British nuclear test veterans. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
4	The effects of DNA repair polymorphisms on chromosome aberrations in the population of Kazakhstan. <i>International Journal of Radiation Biology</i> , 2020, 96, 614-621.	1.8	4
5	The long-term effects of exposure to ionising radiation on gene expression in mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2020, 821, 111723.	1.0	5
6	Mutation Induction in Humans and Mice: Where Are We Now?. <i>Cancers</i> , 2019, 11, 1708.	3.7	7
7	The combined effects of acute irradiation and food supply on survival and fertility in <i>Daphnia magna</i> . <i>Journal of Environmental Radioactivity</i> , 2019, 199-200, 75-83.	1.7	4
8	The long-term effects of acute exposure to ionising radiation on survival and fertility in <i>Daphnia magna</i> . <i>Environmental Research</i> , 2016, 150, 138-143.	7.5	25
9	The effects of methyl-donor deficiency on the pattern of gene expression in mice. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 501-506.	3.3	9
10	The effects of extremely low frequency magnetic fields on mutation induction in mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 773, 22-26.	1.0	7
11	Approaches for identifying germ cell mutagens: Report of the 2013 IWGT workshop on germ cell assays†. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 783, 36-54.	1.7	69
12	Paternal irradiation perturbs the expression of circadian genes in offspring. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 775, 33-37.	1.0	9
13	The genome-wide effects of ionizing radiation on mutation induction in the mammalian germline. <i>Nature Communications</i> , 2015, 6, 6684.	12.8	112
14	The in vivo effects of low-intensity radiofrequency fields on the motor activity of protozoa. <i>International Journal of Radiation Biology</i> , 2014, 90, 262-267.	1.8	7
15	Harnessing genomics to identify environmental determinants of heritable disease. <i>Mutation Research - Reviews in Mutation Research</i> , 2013, 752, 6-9.	5.5	25
16	The Transgenerational Effects of Parental Exposure to Mutagens in Mammals. , 2013, , 243-255.		1
17	Reply to the letter by S.V. Jargin. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 749, 103-104.	1.7	3
18	The Dose and Dose-Rate Effects of Paternal Irradiation on Transgenerational Instability in Mice: A Radiotherapy Connection. <i>PLoS ONE</i> , 2012, 7, e41300.	2.5	28

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19	Exposure to anticancer drugs can result in transgenerational genomic instability in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2984-2988.	7.1	70
20	The effects of maternal irradiation during adulthood on mutation induction and transgenerational instability in mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 732, 21-25.	1.0	22
21	The effects of methyl-donor deficiency on mutation induction and transgenerational instability in mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 734, 1-4.	1.0	5
22	Genomic Instability in the Offspring of Irradiated Parents. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 127-139.	0.2	1
23	Age-Related Accumulation of Mutations Supports a Replication-Dependent Mechanism of Spontaneous Mutation at Tandem Repeat DNA Loci in Mice. Molecular Biology and Evolution, 2009, 26, 2647-2654.	8.9	28
24	The effects of in utero irradiation on mutation induction and transgenerational instability in mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 664, 6-12.	1.0	53
25	Evidence for alternative lengthening of telomeres in liposarcomas in the absence of ALT-associated PML bodies. International Journal of Cancer, 2008, 122, 2414-2421.	5.1	47
26	Paternal exposure to ethylnitrosourea results in transgenerational genomic instability in mice. Environmental and Molecular Mutagenesis, 2008, 49, 308-311.	2.2	42
27	Stage-specificity of spontaneous mutation at a tandem repeat DNA locus in the mouse germline. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 641, 58-60.	1.0	8
28	Complex germline and somatic mutation processes at a haploid human minisatellite shown by single-molecule analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 648, 46-53.	1.0	8
29	Single-Molecule PCR Analysis of Germ Line Mutation Induction by Anticancer Drugs in Mice. Cancer Research, 2008, 68, 3630-3636.	0.9	34
30	New methods for assessing male germ line mutations in humans and genetic risks in their offspring. Mutagenesis, 2008, 23, 241-247.	2.6	24
31	The effects of Atm haploinsufficiency on mutation rate in the mouse germ line and somatic tissue. Mutagenesis, 2008, 23, 367-370.	2.6	2
32	The Combined Effects of Xeroderma Pigmentosum C Deficiency and Mutagens on Mutation Rates in the Mouse Germ Line. Cancer Research, 2007, 67, 4695-4699.	0.9	19
33	Maternal effects of the scid mutation on radiation-induced transgenerational instability in mice. Oncogene, 2007, 26, 4720-4724.	5.9	26
34	New germline mutations in the hypervariable minisatellite CEB1 in the parents of children with leukaemia. British Journal of Cancer, 2007, 96, 1265-1271.	6.4	6
35	The effects of MSH2 deficiency on spontaneous and radiation-induced mutation rates in the mouse germline. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 617, 147-151.	1.0	17
36	Radiation-Induced Genomic Instability in the Offspring of Irradiated Parents. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 139-154.	0.2	0

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37	Elevated mutation rates in the germline of PolÎ ⁹ mutant male mice. <i>DNA Repair</i> , 2006, 5, 860-862.	2.8	25
38	Radiation-induced transgenerational alterations in genome stability and DNA damage. <i>Oncogene</i> , 2006, 25, 7336-7342.	5.9	127
39	Genomic instability in the offspring of irradiated parents: Facts and interpretations. <i>Russian Journal of Genetics</i> , 2006, 42, 1116-1126.	0.6	18
40	The offspring of irradiated parents, are they stable?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 598, 50-60.	1.0	70
41	Minisatellite germline mutation rate in the Techa River population. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 602, 74-82.	1.0	38
42	p53 deficiency does not affect mutation rate in the mouse germline. <i>Oncogene</i> , 2005, 24, 4315-4318.	5.9	18
43	Radiation-Induced Mutation at Tandem Repeat DNA Loci in the Mouse Germline: Spectra and Doubling Doses. <i>Radiation Research</i> , 2005, 163, 200-207.	1.5	50
44	Germline mutation rates at tandem repeat loci in DNA-repair deficient mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 554, 287-295.	1.0	42
45	Glycophorin A Somatic Cell Mutations in a Population Living in the Proximity of the Semipalatinsk Nuclear Test Site. <i>Radiation Research</i> , 2004, 162, 164-170.	1.5	11
46	Extremely complex pattern of microsatellite mutation in the germline of wheat exposed to the post-Chernobyl radioactive contamination. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 525, 93-101.	1.0	28
47	Germline mutation induction at mouse repeat DNA loci by chemical mutagens. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 526, 63-73.	1.0	82
48	Radiation-induced transgenerational instability. <i>Oncogene</i> , 2003, 22, 7087-7093.	5.9	173
49	Long-term genetic effects of radiation exposure. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 433-439.	5.5	37
50	Comments on the Paper by Wickliffe et al. (<i>Radiat. Res.</i> 159, 458-464, 2003). <i>Radiation Research</i> , 2003, 160, 610-610.	1.5	3
51	Germline Mutation Induction at Mouse and Human Tandem Repeat DNA Loci. <i>Advances in Experimental Medicine and Biology</i> , 2003, 518, 115-129.	1.6	15
52	Monitoring of radiation-induced germline mutation in humans. <i>Swiss Medical Weekly</i> , 2003, 133, 474-8.	1.6	7
53	Nuclear Weapons Tests and Human Germline Mutation Rate. <i>Science</i> , 2002, 295, 1037-1037.	12.6	122
54	Stable Chromosome Aberrations in the Lymphocytes of a Population Living in the Vicinity of the Semipalatinsk Nuclear Test Site. <i>Radiation Research</i> , 2002, 158, 591-596.	1.5	37

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55	Elevated mutation rates in the germ line of first- and second-generation offspring of irradiated male mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6877-6882.	7.1	193
56	Elevated Minisatellite Mutation Rate in the Post-Chernobyl Families from Ukraine. American Journal of Human Genetics, 2002, 71, 801-809.	6.2	130
57	Ionising radiation and mutation induction at mouse minisatellite loci. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 499, 143-150.	1.0	39
58	A novel single molecule analysis of spontaneous and radiation-induced mutation at a mouse tandem repeat locus. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 500, 147-156.	1.0	90
59	Monitoring spontaneous and induced human mutation by RAPD-PCR: a response to Weinberget al. (2001). Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2493-2494.	2.6	11
60	The nonA Gene in Drosophila Conveys Species-Specific Behavioral Characteristics. Genetics, 2001, 158, 1535-1543.	2.9	29
61	Are DNA profiles breed-specific? A pilot study in pigs. Animal Genetics, 2000, 31, 273-276.	1.7	5
62	Critical Evaluation of ECV304 as a Human Endothelial Cell Model Defined by Genetic Analysis and Functional Responses: A Comparison with the Human Bladder Cancer Derived Epithelial Cell Line T24/83. Laboratory Investigation, 2000, 80, 37-45.	3.7	170
63	Transgenerational mutation by radiation. Nature, 2000, 405, 37-37.	27.8	177
64	Wheat mutation rate after Chernobyl. Nature, 2000, 407, 583-584.	27.8	117
65	Induction of minisatellite mutations in the mouse germline by low-dose chronic exposure to $\hat{1}^3$ -radiation and fission neutrons. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 453, 17-24.	1.0	70
66	Minisatellite mutation frequency in human sperm following radiotherapy. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 453, 67-75.	1.0	49
67	No correlation between germline mutation at repeat DNA and meiotic crossover in male mice exposed to X-rays or cisplatin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 457, 79-91.	1.0	51
68	Y-Chromosomal Diversity in Europe Is Clinal and Influenced Primarily by Geography, Rather than by Language. American Journal of Human Genetics, 2000, 67, 1526-1543.	6.2	519
69	Extremely Complex Repeat Shuffling during Germline Mutation at Human Minisatellite B6.7. Human Molecular Genetics, 1999, 8, 879-888.	2.9	51
70	Human minisatellites, repeat DNA instability and meiotic recombination. Electrophoresis, 1999, 20, 1665-1675.	2.4	58
71	Influences of array size and homogeneity on minisatellite mutation. EMBO Journal, 1998, 17, 3495-3502.	7.8	62
72	DNA fingerprinting Dolly. Nature, 1998, 394, 329-330.	27.8	46

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73	Plant transgenics track Chernobyl's fallout. <i>Nature Biotechnology</i> , 1998, 16, 1010-1011.	17.5	3
74	Radiation-induced germline instability at minisatellite loci. <i>International Journal of Radiation Biology</i> , 1998, 74, 689-696.	1.8	79
75	A Novel Unstable Mouse VNTR Family Expanded from SINE B1 Elements. <i>Genomics</i> , 1998, 49, 122-128.	2.9	74
76	Stage specificity, dose response, and doubling dose for mouse minisatellite germ-line mutation induced by acute radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 6251-6255.	7.1	160
77	Radiation sensitivity in male mouse germ cells. <i>Genetical Research</i> , 1998, 72, 59-72.	0.9	0
78	Full length article. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 381, 267-278.	1.0	79
79	Spontaneous and induced minisatellite instability. <i>Electrophoresis</i> , 1997, 18, 1501-1511.	2.4	36
80	Human minisatellite mutation rate after the Chernobyl accident. <i>Nature</i> , 1996, 380, 683-686.	27.8	419
81	Effects of radiation on children. <i>Nature</i> , 1996, 383, 226-226.	27.8	6
82	Mutation processes at human minisatellites. <i>Electrophoresis</i> , 1995, 16, 1577-1585.	2.4	62
83	Family heterozygosity and progeny body length in pink salmon <i>Oncorhynchus gorboscha</i> (Walbaum). <i>Heredity</i> , 1995, 75, 281-289.	2.6	7
84	Mouse minisatellite mutations induced by ionizing radiation. <i>Nature Genetics</i> , 1993, 5, 92-94.	21.4	216
85	Genetic Affinities of Buryat Populations and Other Mongoloids of Siberia. <i>Human Heredity</i> , 1993, 43, 82-85.	0.8	1