Yuri E Dubrova

List of Publications by Year
in descending order

85	4,673	94433 37	98798 67
papers	citations	h-index	g-index

87	87	87	2942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Human minisatellite mutation rate after the Chernobyl accident. Nature, 1996, 380, 683-686.	27.8	419
3	Mouse minisatellite mutations induced by ionizing radiation. Nature Genetics, 1993, 5, 92-94.	21.4	216
4	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
5	Transgenerational mutation by radiation. Nature, 2000, 405, 37-37.	27.8	177
6	Radiation-induced transgenerational instability. Oncogene, 2003, 22, 7087-7093.	5.9	173
7	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
8	Stage specificity, dose response, and doubling dose for mouse minisatellite germ-line mutation induced by acute radiation. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6251-6255.	7.1	160
9	Elevated Minisatellite Mutation Rate in the Post-Chernobyl Families from Ukraine. American Journal of Human Genetics, 2002, 71, 801-809.	6.2	130
10	Radiation-induced transgenerational alterations in genome stability and DNA damage. Oncogene, 2006, 25, 7336-7342.	5.9	127
11	Nuclear Weapons Tests and Human Germline Mutation Rate. Science, 2002, 295, 1037-1037.	12.6	122
12	Wheat mutation rate after Chernobyl. Nature, 2000, 407, 583-584.	27.8	117
13	The genome-wide effects of ionizing radiation on mutation induction in the mammalian germline. Nature Communications, 2015, 6, 6684.	12.8	112
14	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
15	Germline mutation induction at mouse repeat DNA loci by chemical mutagens. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 526, 63-73.	1.0	82
16	Full length article. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 381, 267-278.	1.0	79
17	Radiation-induced germline instability at minisatellite loci. International Journal of Radiation Biology, 1998, 74, 689-696.	1.8	79
18	A Novel Unstable Mouse VNTR Family Expanded from SINE B1 Elements. Genomics, 1998, 49, 122-128.	2.9	74

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19	Induction of minisatellite mutations in the mouse germline by low-dose chronic exposure to Î³-radiation and fission neutrons. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 453, 17-24.	1.0	70
20	The offspring of irradiated parents, are they stable?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 598, 50-60.	1.0	70
21	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
22	Approaches for identifying germ cell mutagens: Report of the 2013 IWGT workshop on germ cell assaysâ˜†. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 783, 36-54.	1.7	69
23	Mutation processes at human minisatellites. Electrophoresis, 1995, 16, 1577-1585.	2.4	62
24	Influences of array size and homogeneity on minisatellite mutation. EMBO Journal, 1998, 17, 3495-3502.	7.8	62
25	Human minisatellites, repeat DNA instability and meiotic recombination. Electrophoresis, 1999, 20, 1665-1675.	2.4	58
26	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
27	Extremely Complex Repeat Shuffling during Germline Mutation at Human Minisatellite B6.7. Human Molecular Genetics, 1999, 8, 879-888.	2.9	51
28	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
29	Radiation-Induced Mutation at Tandem Repeat DNA Loci in the Mouse Germline: Spectra and Doubling Doses. Radiation Research, 2005, 163, 200-207.	1.5	50
30	Minisatellite mutation frequency in human sperm following radiotherapy. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 453, 67-75.	1.0	49
31	Evidence for alternative lengthening of telomeres in liposarcomas in the absence of ALTâ€associated PML bodies. International Journal of Cancer, 2008, 122, 2414-2421.	5.1	47
32	DNA fingerprinting Dolly. Nature, 1998, 394, 329-330.	27.8	46
33	Germline mutation rates at tandem repeat loci in DNA-repair deficient mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 554, 287-295.	1.0	42
34	Paternal exposure to ethylnitrosourea results in transgenerational genomic instability in mice. Environmental and Molecular Mutagenesis, 2008, 49, 308-311.	2.2	42
35	Ionising radiation and mutation induction at mouse minisatellite loci. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 499, 143-150.	1.0	39
36	Minisatellite germline mutation rate in the Techa River population. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 602, 74-82.	1.0	38

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37	Stable Chromosome Aberrations in the Lymphocytes of a Population Living in the Vicinity of the Semipalatinsk Nuclear Test Site. Radiation Research, 2002, 158, 591-596.	1.5	37
38	Long-term genetic effects of radiation exposure. Mutation Research - Reviews in Mutation Research, 2003, 544, 433-439.	5.5	37
39	Spontaneous and induced minisatellite instability. Electrophoresis, 1997, 18, 1501-1511.	2.4	36
40	Single-Molecule PCR Analysis of Germ Line Mutation Induction by Anticancer Drugs in Mice. Cancer Research, 2008, 68, 3630-3636.	0.9	34
41	The nonA Gene in Drosophila Conveys Species-Specific Behavioral Characteristics. Genetics, 2001, 158, 1535-1543.	2.9	29
42	Extremely complex pattern of microsatellite mutation in the germline of wheat exposed to the post-Chernobyl radioactive contamination. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 525, 93-101.	1.0	28
43	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
44	The Dose and Dose-Rate Effects of Paternal Irradiation on Transgenerational Instability in Mice: A Radiotherapy Connection. PLoS ONE, 2012, 7, e41300.	2.5	28
45	Maternal effects of the scid mutation on radiation-induced transgenerational instability in mice. Oncogene, 2007, 26, 4720-4724.	5.9	26
46	Elevated mutation rates in the germline of Polĵº mutant male mice. DNA Repair, 2006, 5, 860-862.	2.8	25
47	Harnessing genomics to identify environmental determinants of heritable disease. Mutation Research - Reviews in Mutation Research, 2013, 752, 6-9.	5.5	25
48	The long-term effects of acute exposure to ionising radiation on survival and fertility in Daphnia magna. Environmental Research, 2016, 150, 138-143.	7.5	25
49	New methods for assessing male germ line mutations in humans and genetic risks in their offspring. Mutagenesis, 2008, 23, 241-247.	2.6	24
50	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
51	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
52	p53 deficiency does not affect mutation rate in the mouse germline. Oncogene, 2005, 24, 4315-4318.	5.9	18
53	Genomic instability in the offspring of irradiated parents: Facts and interpretations. Russian Journal of Genetics, 2006, 42, 1116-1126.	0.6	18
54	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

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55	From tangled banks to toxic bunnies; a reflection on the issues involved in developing an ecosystem approach for environmental radiation protection. International Journal of Radiation Biology, 2022, 98, 1185-1200.	1.8	17
56	Germline Mutation Induction at Mouse and Human Tandem Repeat DNA Loci. Advances in Experimental Medicine and Biology, 2003, 518, 115-129.	1.6	15
57	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
58	Glycophorin A Somatic Cell Mutations in a Population Living in the Proximity of the Semipalatinsk Nuclear Test Site. Radiation Research, 2004, 162, 164-170.	1.5	11
59	The effects of methyl-donor deficiency on the pattern of gene expression in mice. Molecular Nutrition and Food Research, 2015, 59, 501-506.	3.3	9
60	Paternal irradiation perturbs the expression of circadian genes in offspring. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 775, 33-37.	1.0	9
61	Radiation-induced transgenerational effects in animals. International Journal of Radiation Biology, 2022, 98, 1047-1053.	1.8	9
62	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
63	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
64	Family heterozygosity and progeny body length in pink salmon Oncorhynchus gorbuscha (Walbaum). Heredity, 1995, 75, 281-289.	2.6	7
65	The in vivo effects of low-intensity radiofrequency fields on the motor activity of protozoa. International Journal of Radiation Biology, 2014, 90, 262-267.	1.8	7
66	The effects of extremely low frequency magnetic fields on mutation induction in mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 773, 22-26.	1.0	7
67	Mutation Induction in Humans and Mice: Where Are We Now?. Cancers, 2019, 11, 1708.	3.7	7
68	Monitoring of radiation-induced germline mutation in humans. Swiss Medical Weekly, 2003, 133, 474-8.	1.6	7
69	Effects of radiation on children. Nature, 1996, 383, 226-226.	27.8	6
70	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
71	No evidence of increased mutations in the germline of a group of British nuclear test veterans. Scientific Reports, 2022, 12, .	3.3	6
72	Are DNA profiles breed-specific? A pilot study in pigs. Animal Genetics, 2000, 31, 273-276.	1.7	5

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73	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
74	The long-term effects of exposure to ionising radiation on gene expression in mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2020, 821, 111723.	1.0	5
75	The combined effects of acute irradiation and food supply on survival and fertility in Daphnia magna. Journal of Environmental Radioactivity, 2019, 199-200, 75-83.	1.7	4
76	The effects of DNA repair polymorphisms on chromosome aberrations in the population of Kazakhstan. International Journal of Radiation Biology, 2020, 96, 614-621.	1.8	4
77	Plant transgenics track Chernobyl's fallout. Nature Biotechnology, 1998, 16, 1010-1011.	17.5	3
78	Comments on the Paper by Wickliffeet al.(Radiat. Res.159, 458â€“464, 2003). Radiation Research, 2003, 160, 610-610.	1.5	3
79	Reply to the letter by S.V. Jargin. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 749, 103-104.	1.7	3
80	The effects of Atm haploinsufficiency on mutation rate in the mouse germ line and somatic tissue. Mutagenesis, 2008, 23, 367-370.	2.6	2
81	Genetic Affinities of Buryat Populations and Other Mongoloids of Siberia. Human Heredity, 1993, 43, 82-85.	0.8	1
82	Genomic Instability in the Offspring of Irradiated Parents. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 127-139.	0.2	1
83	The Transgenerational Effects of Parental Exposure to Mutagens in Mammals. , 2013, , 243-255.		1
84	Radiation sensitivity in male mouse germ cells. Genetical Research, 1998, 72, 59-72.	0.9	0
85	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