

Ann-Karin Olsen

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,188
citations

567281
15
h-index

395702
33
g-index

42
all docs

42
docs citations

42
times ranked

2086
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
2	Causes of genome instability: the effect of low dose chemical exposures in modern society. <i>Carcinogenesis</i> , 2015, 36, S61-S88.	2.8	149
3	How do male germ cells handle DNA damage?. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 521-531.	2.8	112
4	Genotoxicity and gene expression modulation of silver and titanium dioxide nanoparticles in mice. <i>Nanotoxicology</i> , 2016, 10, 312-321.	3.0	65
5	Limited repair of 8-hydroxy-7,8-dihydroguanine residues in human testicular cells. <i>Nucleic Acids Research</i> , 2003, 31, 1351-1363.	14.5	56
6	Molecular portrait of cisplatin induced response in human testis cancer cell lines based on gene expression profiles. <i>Molecular Cancer</i> , 2007, 6, 53.	19.2	56
7	Paternal lifestyle as a potential source of germline mutations transmitted to offspring. <i>FASEB Journal</i> , 2013, 27, 2873-2879.	0.5	52
8	In vitro investigations of glycidamide-induced DNA lesions in mouse male germ cells and in mouse and human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 696, 55-61.	1.7	46
9	Parental gamma irradiation induces reprotoxic effects accompanied by genomic instability in zebrafish (<i>Danio rerio</i>) embryos. <i>Environmental Research</i> , 2017, 159, 564-578.	7.5	39
10	Octyl Methoxycinnamate Modulates Gene Expression and Prevents Cyclobutane Pyrimidine Dimer Formation but not Oxidative DNA Damage in UV-Exposed Human Cell Lines. <i>Toxicological Sciences</i> , 2010, 114, 272-284.	3.1	37
11	No cancer predisposition or increased spontaneous mutation frequencies in NEIL DNA glycosylases-deficient mice. <i>Scientific Reports</i> , 2017, 7, 4384.	3.3	37
12	Environmental Exposure of the Mouse Germ Line: DNA Adducts in Spermatozoa and Formation of De Novo Mutations during Spermatogenesis. <i>PLoS ONE</i> , 2010, 5, e11349.	2.5	37
13	The Pig-a Gene Mutation Assay in Mice and Human Cells: A Review. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 78-92.	2.5	27
14	Paternal Benzo[a]pyrene Exposure Affects Gene Expression in the Early Developing Mouse Embryo. <i>Toxicological Sciences</i> , 2012, 129, 157-165.	3.1	23
15	Standardisation of the in vitro comet assay: influence of lysis time and lysis solution composition on the detection of DNA damage induced by X-rays. <i>Mutagenesis</i> , 2018, 33, 25-30.	2.6	21
16	Genotoxic effects of two-generational selenium deficiency in mouse somatic and testicular cells. <i>Mutagenesis</i> , 2015, 30, 217-225.	2.6	18
17	Single cell gel electrophoresis (SCGE) and Pig-a mutation assay in vivo-tools for genotoxicity testing from a regulatory perspective: A study of benzo[a]pyrene in Ogg1 ^{-/-} mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 772, 34-41.	1.7	17
18	Genotoxic effects of high dose rate X-ray and low dose rate gamma radiation in Apc ^{Min/+} mice. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 560-569.	2.2	17

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19	Validation of the in vitro comet assay for DNA cross-links and altered bases detection. Archives of Toxicology, 2021, 95, 2825-2838.	4.2	17
20	Using the comet assay and lysis conditions to characterize DNA lesions from the acrylamide metabolite glycidamide. Mutagenesis, 2018, 33, 31-39.	2.6	16
21	Paternal Exposure to Environmental Chemical Stress Affects Male Offspring's Hepatic Mitochondria. Toxicological Sciences, 2018, 162, 241-250.	3.1	15
22	Restoration of Cognitive Performance in Mice Carrying a Deficient Allele of 8-Oxoguanine DNA Glycosylase by X-ray Irradiation. Neurotoxicity Research, 2018, 33, 824-836.	2.7	14
23	Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants. Science of the Total Environment, 2021, 787, 147621.	8.0	13
24	Enhanced susceptibility of obese mice to glycidamide-induced sperm chromatin damage without increased oxidative stress. Andrology, 2016, 4, 1102-1114.	3.5	11
25	Preconceptional paternal glycidamide exposure affects embryonic gene expression: Single embryo gene expression study following in vitro fertilization. Reproductive Toxicology, 2011, 32, 463-471.	2.9	10
26	Reference cells and ploidy in the comet assay. Frontiers in Genetics, 2015, 6, 61.	2.3	9
27	Ionizing radiation, genotoxic stress, and mitochondrial DNA copy-number variation in Caenorhabditis elegans: droplet digital PCR analysis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 858-860, 503277.	1.7	9
28	NEIL1 and NEIL2 DNA glycosylases modulate anxiety and learning in a cooperative manner in mice. Communications Biology, 2021, 4, 1354.	4.4	8
29	MiRNA profiles in blood plasma from mother-child duos in human biobanks and the implication of sample quality: Circulating miRNAs as potential early markers of child health. PLoS ONE, 2020, 15, e0231040.	2.5	7
30	Perturbed transcriptional profiles after chronic low dose rate radiation in mice. PLoS ONE, 2021, 16, e0256667.	2.5	5
31	Ionizing radiation does not impair the mechanisms controlling genetic stability during T cell receptor gene rearrangement in mice. International Journal of Radiation Biology, 2018, 94, 357-365.	1.8	2
32	Chapter 23. DNA Repair Capacities in Testicular Cells of Rodents and Man. Issues in Toxicology, 2007, , 273-285.	0.1	2
33	Spermatogenesis Is Not Impaired in a Nucleotide Excision Repair-Deficient Min Mouse Model With or Without Neonatal Mutagen Treatment. Journal of Andrology, 2011, 32, 541-549.	2.0	0
34	In vitro cellular and proteome assays identify Wnt pathway and CDKN2A-regulated senescence affected in mesenchymal stem cells from mice after a chronic LD gamma irradiation in utero. Radiation and Environmental Biophysics, 2021, 60, 397-410.	1.4	0
35	Title is missing!. , 2020, 15, e0231040.		0
36	Title is missing!. , 2020, 15, e0231040.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!., 2020, 15, e0231040.		0
38	Title is missing!., 2020, 15, e0231040.		0