Janet Hall

List of Publications by Year
in descending order

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80 papers	4,899 citations	87888 38 h-index	91884 69 g-index
80 all docs	80 docs citations	80 times ranked	6851 citing authors

#	Article	IF	Citations
1	Genetic Polymorphisms in the Base Excision Repair Pathway and Cancer Risk: A HuGE Review. American Journal of Epidemiology, 2005, 162, 925-942.	3.4	482
2	A TP53 polymorphism is associated with increased risk of colorectal cancer and with reduced levels of TP53 mRNA. Oncogene, 2004, 23, 1954-1956.	5.9	188
3	G-quadruplex structures in TP53 intron 3: role in alternative splicing and in production of p53 mRNA isoforms. Carcinogenesis, 2011, 32, 271-278.	2.8	186
4	Ionizing radiation biomarkers for potential use in epidemiological studies. Mutation Research - Reviews in Mutation Research, 2012, 751, 258-286.	5.5	181
5	XRCC1 is required for DNA single-strand break repair in human cells. Nucleic Acids Research, 2005, 33, 2512-2520.	14.5	167
6	Large-Scale Investigation of Base Excision Repair Genetic Polymorphisms and Lung Cancer Risk in a Multicenter Study. Journal of the National Cancer Institute, 2005, 97, 567-576.	6.3	166
7	PARP inhibition versus PARP-1 silencing: different outcomes in terms of single-strand break repair and radiation susceptibility. Nucleic Acids Research, 2008, 36, 4454-4464.	14.5	165
8	Rare, Evolutionarily Unlikely Missense Substitutions in ATM Confer Increased Risk of Breast Cancer. American Journal of Human Genetics, 2009, 85, 427-446.	6.2	165
9	ATM haplotypes and cellular response to DNA damage: association with breast cancer risk and clinical radiosensitivity. Cancer Research, 2003, 63, 8717-25.	0.9	163
10	Evidence for an Important Role of Alcohol- and Aldehyde-Metabolizing Genes in Cancers of the Upper Aerodigestive Tract. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 696-703.	2.5	148
11	Oxidation Status of Human OGG1-S326C Polymorphic Variant Determines Cellular DNA Repair Capacity. Cancer Research, 2009, 69, 3642-3649.	0.9	139
12	Effect of cruciferous vegetables on lung cancer in patients stratified by genetic status: a mendelian randomisation approach. Lancet, The, 2005, 366, 1558-1560.	13.7	136
13	Identification and functional consequences of a novel MRE11 mutation affecting 10 Saudi Arabian patients with the ataxia telangiectasia-like disorder. Human Molecular Genetics, 2005, 14, 307-318.	2.9	129
14	Morbidity and mortality from ataxia-telangiectasia are associated with ATM genotype. Journal of Allergy and Clinical Immunology, 2011, 128, 382-389.e1.	2.9	128
15	Establishment of a Radiogenomics Consortium. International Journal of Radiation Oncology Biology Physics, 2010, 76, 1295-1296.	0.8	118
16	Ionizing radiation biomarkers in epidemiological studies â€“ An update. Mutation Research - Reviews in Mutation Research, 2017, 771, 59-84.	5.5	118
17	The role of microRNA-binding site polymorphisms in DNA repair genes as risk factors for bladder cancer and breast cancer and their impact on radiotherapy outcomes. Carcinogenesis, 2012, 33, 581-586.	2.8	103
18	8-Hydroxydeoxyguanosine in DNA from leukocytes of healthy adults: relationship with cigarette smoking, environmental tobacco smoke, alcohol and coffee consumption. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 439, 249-257.	1.7	95

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19	DNA Repair and Cell Cycle Control Genes and the Risk of Young-Onset Lung Cancer. Cancer Research, 2006, 66, 11062-11069.	0.9	91
20	Development of lung cancer before the age of 50: the role of xenobiotic metabolizing genes. Carcinogenesis, 2007, 28, 1287-1293.	2.8	87
21	Genetic biomarkers of therapeutic radiation sensitivity. DNA Repair, 2004, 3, 1237-1243.	2.8	78
22	Control of the G2/M checkpoints after exposure to low doses of ionising radiation: Implications for hyper-radiosensitivity. DNA Repair, 2010, 9, 48-57.	2.8	78
23	Functional consequences ofATMsequence variants for chromosomal radiosensitivity. Genes Chromosomes and Cancer, 2004, 40, 109-119.	2.8	76
24	The ATM gene and breast cancer: is it really a risk factor?. Mutation Research - Reviews in Mutation Research, 2000, 462, 167-178.	5.5	66
25	Uncommon CHEK2 mis-sense variant and reduced risk of tobacco-related cancers: caseâ€“control study. Human Molecular Genetics, 2007, 16, 1794-1801.	2.9	66
26	Polymorphisms in the DNA repair gene XRCC1, breast cancer risk, and response to radiotherapy. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 1168-74.	2.5	65
27	Low-dose ionising radiation and cardiovascular diseases â€“ Strategies for molecular epidemiological studies in Europe. Mutation Research - Reviews in Mutation Research, 2015, 764, 90-100.	5.5	64
28	Exon 5 Polymorphisms in the O6-Alkylguanine DNA Alkyltransferase Gene and Lung Cancer Risk in Nonâ€“Smokers Exposed to Second-Hand Smoke. Cancer Epidemiology Biomarkers and Prevention, 2004, 13, 320-323.	2.5	61
29	Targeting poly(ADP-ribose) polymerase activity for cancer therapy. Cellular and Molecular Life Sciences, 2010, 67, 3649-3662.	5.4	58
30	DNA repair capacity as a risk factor for non-melanocytic skin cancerâ€”a molecular epidemiological study. International Journal of Cancer, 1994, 58, 179-184.	5.1	56
31	O6-Alkylguanine DNA alkyltransferase activity in monkey, human and rat liver. Carcinogenesis, 1985, 6, 209-211.	2.8	52
32	The XRCC1 -77T->C variant: haplotypes, breast cancer risk, response to radiotherapy and the cellular response to DNA damage. Carcinogenesis, 2006, 27, 2469-2474.	2.8	51
33	Folate-related genes and the risk of tobacco-related cancers in Central Europe. Carcinogenesis, 2007, 28, 1334-1340.	2.8	49
34	The association of sequence variants in DNA repair and cell cycle genes with cancers of the upper aerodigestive tract. Carcinogenesis, 2006, 28, 665-671.	2.8	45
35	Radiation, DNA damage and cancer. Trends in Molecular Medicine, 1999, 5, 157-164.	2.6	42
36	The Ataxia-telangiectasia mutated gene and breast cancer: gene expression profiles and sequence variants. Cancer Letters, 2005, 227, 105-114.	7.2	42

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37	PARP inhibition and the radiosensitizing effects of the PARP inhibitor ABT-888 in in vitrohepatocellular carcinoma models. BMC Cancer, 2014, 14, 603.	2.6	40
38	Inherited Predisposition of Lung Cancer: A Hierarchical Modeling Approach to DNA Repair and Cell Cycle Control Pathways. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2736-2744.	2.5	39
39	Morphology and genomic hallmarks of breast tumours developed by ATM deleterious variant carriers. Breast Cancer Research, 2018, 20, 28.	5.0	35
40	Alkylation and oxidative-DNA damage repair activity in blood leukocytes of smokers and non-smokers. International Journal of Cancer, 1993, 54, 728-733.	5.1	34
41	Age at cancer onset in germline TP53 mutation carriers: association with polymorphisms in predicted G-quadruplex structures. Carcinogenesis, 2014, 35, 807-815.	2.8	29
42	Phenotypic cellular characterization of an Ataxia telangiectasia patient carrying a causal homozygous missense mutation. Human Mutation, 2003, 21, 169-170.	2.5	28
43	Acetyl-CoA carboxylase Â gene and breast cancer susceptibility. Carcinogenesis, 2004, 25, 2417-2424.	2.8	28
44	Variations in the mRNA expression of poly(ADPâ€ribose) polymerases, poly(ADPâ€ribose) glycohydrolase and ADPâ€ribosylhydrolase 3 in breast tumors and impact on clinical outcome. International Journal of Cancer, 2013, 133, 2791-2800.	5.1	28
45	Use of the cytokinesis-block micronucleus assay to measure radiation-induced chromosome damage in lymphoblastoid cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 535, 1-13.	1.7	27
46	Sequence Variants of NAT1 and NAT2 and Other Xenometabolic Genes and Risk of Lung and Aerodigestive Tract Cancers in Central Europe. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 141-147.	2.5	26
47	EPI-CT: in vitro assessment of the applicability of the Î³-H2AX-foci assay as cellular biomarker for exposure in a multicentre study of children in diagnostic radiology. International Journal of Radiation Biology, 2015, 91, 653-663.	1.8	26
48	High incidence of cancer in a family segregating a mutation of theATM gene: Possible role of ATM heterozygosity in cancer. Human Mutation, 1999, 14, 485-492.	2.5	25
49	Impact of G-quadruplex structures and intronic polymorphisms rs17878362 and rs1642785 on basal and ionizing radiation-induced expression of alternative p53 transcripts. Carcinogenesis, 2014, 35, 2706-2715.	2.8	25
50	Idiopathic and Radiation-Induced Ocular Telangiectasia: The Involvement of theATMGene. , 2003, 44, 3257.		24
51	Cdk5 promotes DNA replication stress checkpoint activation through RPA-32 phosphorylation, and impacts on metastasis free survival in breast cancer patients. Cell Cycle, 2015, 14, 3066-3078.	2.6	24
52	ATM Protein Overexpression in Prostate Tumors. American Journal of Clinical Pathology, 2004, 121, 231-236.	0.7	23
53	Sequence Variants in Cell Cycle Control Pathway, X-ray Exposure, and Lung Cancer Risk: A Multicenter Case-Control Study in Central Europe. Cancer Research, 2006, 66, 8280-8286.	0.9	23
54	Isolated generalized dystonia in biallelic missense mutations of the ATM gene. Movement Disorders, 2013, 28, 1897-1899.	3.9	22

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55	hOGG1-Cys326 variant cells are hypersensitive to DNA repair inhibition by nitric oxide. Carcinogenesis, 2014, 35, 1426-1433.	2.8	21
56	The impact of cyclin-dependent kinase 5 depletion on poly(ADP-ribose) polymerase activity and responses to radiation. Cellular and Molecular Life Sciences, 2012, 69, 951-962.	5.4	19
57	DNA alkylation damage: consequences and relevance to tumour production. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1990, 233, 247-252.	1.0	18
58	Single-cell analysis of loss of heterozygosity at theATM gene locus in Hodgkin and Reed-Sternberg cells of Hodgkin's lymphoma:ATM loss of heterozygosity is a rare event. International Journal of Cancer, 2005, 114, 909-916.	5.1	17
59	The methyl methanesulfonate induced S-phase delay in XRCC1-deficient cells requires ATM and ATR. DNA Repair, 2008, 7, 849-857.	2.8	17
60	Concerted Uranium Research in Europe (CURE): toward a collaborative project integrating dosimetry, epidemiology and radiobiology to study the effects of occupational uranium exposure. Journal of Radiological Protection, 2016, 36, 319-345.	1.1	17
61	Telomere length, ATM mutation status and cancer risk in Ataxia-Telangiectasia families. Carcinogenesis, 2017, 38, 994-1003.	2.8	17
62	Active site amino acid sequence of the bovineO6-methylguanine-DNA methyltransferase. Nucleic Acids Research, 1990, 18, 17-21.	14.5	16
63	The impact of single-nucleotide polymorphisms (SNPs) in OGG1 and XPC on the age at onset of Huntington disease. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 755, 115-119.	1.7	15
64	The associations of sequence variants in DNA-repair and cell-cycle genes with cancer risk: genotypeâ€“phenotype correlations. Biochemical Society Transactions, 2009, 37, 527-533.	3.4	14
65	Involvement of the Artemis Protein in the Relative Biological Efficiency Observed With the 76-MeV Proton Beam Used at the Institut Curie Proton Therapy Center in Orsay. International Journal of Radiation Oncology Biology Physics, 2014, 90, 36-43.	0.8	14
66	O6-Alkylguanine-DNA-alkyltransferase activity in peripheral leukocytes, smoking and risk of lung cancer. Cancer Letters, 2002, 180, 33-39.	7.2	13
67	Ataxia-Telangiectasia genes and breast cancer risk in a French family study. Journal of Dairy Research, 2005, 72, 73-80.	1.4	12
68	PARP inhibitors and radiation potentiate liver cell death in vitro. Do hepatocellular carcinomas have an achillesâ€™ heel?. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101553.	1.5	11
69	Lack of effects of selenium onNâ€nitrosomethylbenzylamineâ€induced tumorigenesis, DNA methylation, and oncogene expression in rats and mice. Nutrition and Cancer, 1992, 18, 287-295.	2.0	10
70	Identification of women with an increased risk of developing radiation-induced breast cancer. Breast Cancer Research, 2007, 9, 106.	5.0	10
71	In vitro functional effects of XPC gene rare variants from bladder cancer patients. Carcinogenesis, 2011, 32, 516-521.	2.8	10
72	The fibroblast growth factor receptor 1 (FGFR1), a marker of response to chemoradiotherapy in breast cancer?. Breast Cancer Research and Treatment, 2012, 134, 259-266.	2.5	10

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73	Update on hepatocellular carcinoma breakthroughs: Poly(ADP-ribose) polymerase inhibitors as a promising therapeutic strategy. Clinics and Research in Hepatology and Gastroenterology, 2014, 38, 137-142.	1.5	9
74	PARP-2 depletion results in lower radiation cell survival but cell line-specific differences in poly(ADP-ribose) levels. Cellular and Molecular Life Sciences, 2015, 72, 1585-1597.	5.4	9
75	Use of the cytokinesis-block micronucleus assay to measure radiation-induced chromosome damage in lymphoblastoid cell lines. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 535, 1-13.	1.0	6
76	Functional assays to determine the significance of two common XPC 3'UTR variants found in bladder cancer patients. BMC Medical Genetics, 2011, 12, 84.	2.1	3
77	The PARP-XRCC1 Axis in Base Excision Repair. , 2017, , 323-363.		1
78	Re: correspondence from Dr. Michael Swift, Disease Insight Research Foundation, concerning GutiÃ©rrez-EnrÃquez S, Fernet M, DÃ¶rk T, Bremer M, Lauge A, Stoppa-Lyonnet D, Moullan N, AngÃ¨le S, Hall J, â€œFunctional consequences of the ATM sequence variants for. Genes Chromosomes and Cancer, 2005, 42, 202-203.	2.8	0
79	Radiosensitisation by Poly(ADP-ribose) Polymerase Inhibition. Cancer Drug Discovery and Development, 2015, , 275-297.	0.4	0
80	Radiation Sensitivity. , 2011, , 3141-3144.		0