

# John B Little

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10928918/publications.pdf>

Version: 2024-02-01

245  
papers

13,092  
citations

20817

60  
h-index

25787

108  
g-index

247  
all docs

247  
docs citations

247  
times ranked

6928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer risks attributable to low doses of ionizing radiation: Assessing what we really know. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13761-13766.	7.1	1,466
2	Radiation carcinogenesis. Carcinogenesis, 2000, 21, 397-404.	2.8	483
3	Intercellular Communication Is Involved in the Bystander Regulation of Gene Expression in Human Cells Exposed to Very Low Fluences of Alpha Particles. Radiation Research, 1998, 150, 497.	1.5	431
4	Prevalence and Spectrum of Germline Mutations of the p53 Gene among Patients with Sarcoma. New England Journal of Medicine, 1992, 326, 1301-1308.	27.0	295
5	Cancer Survivorship—Genetic Susceptibility and Second Primary Cancers: Research Strategies and Recommendations. Journal of the National Cancer Institute, 2006, 98, 15-25.	6.3	295
6	Oxidative metabolism, gap junctions and the ionizing radiation-induced bystander effect. Oncogene, 2003, 22, 7050-7057.	5.9	288
7	Oncogenic Point Mutations in the Human Retinoblastoma Gene: Their Application to Genetic Counseling. New England Journal of Medicine, 1989, 321, 1689-1695.	27.0	283
8	Oxidative metabolism modulates signal transduction and micronucleus formation in bystander cells from alpha-particle-irradiated normal human fibroblast cultures. Cancer Research, 2002, 62, 5436-42.	0.9	262
9	Unexpected Sensitivity to the Induction of Mutations by Very Low Doses of Alpha-Particle Radiation: Evidence for a Bystander Effect. Radiation Research, 1999, 152, 552.	1.5	228
10	Ku70. Molecular Cell, 1998, 2, 1-8.	9.7	217
11	Potential Role of WAF1/Cip1/p21 as a Mediator of TGF- $\beta$ 2 Cytoinhibitory Effect. Journal of Biological Chemistry, 1995, 270, 4971-4974.	3.4	211
12	Repair of Sub-lethal and Potentially Lethal Radiation Damage in Plateau Phase Cultures of Human Cells. Nature, 1969, 224, 804-806.	27.8	209
13	Cell transformation by chemical agents — A review and analysis of the literature. Mutation Research - Reviews in Genetic Toxicology, 1983, 114, 283-385.	2.9	200
14	Genomic instability and bystander effects: a historical perspective. Oncogene, 2003, 22, 6978-6987.	5.9	200
15	Repair of Potentially Lethal Radiation Damage <i>In Vitro</i> and <i>In Vivo</i> . Radiology, 1973, 106, 689-694.	7.3	194
16	Radiation-Induced Genomic Instability: Delayed Mutagenic and Cytogenetic Effects of X Rays and Alpha Particles. Radiation Research, 1997, 148, 299.	1.5	175
17	Deficient recovery from potentially lethal radiation damage in ataxia telangiectasia and xeroderma pigmentosum. Nature, 1978, 271, 261-262.	27.8	164
18	Association of mammalian cell death with a specific endonucleolytic degradation of DNA. Nature, 1974, 252, 754-755.	27.8	160

#	ARTICLE	IF	CITATIONS
19	Timing of the steps in transformation of C3H 10T $\frac{1}{2}$ cells by X-irradiation. <i>Nature</i> , 1984, 307, 85-86.	27.8	144
20	The radiation-induced bystander effect: evidence and significance. <i>Human and Experimental Toxicology</i> , 2004, 23, 61-65.	2.2	141
21	Persistently elevated frequency of spontaneous mutations in progeny of CHO clones surviving X-irradiation: association with delayed reproductive death phenotype. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 270, 191-199.	1.0	135
22	Protease inhibitors suppress radiation-induced malignant transformation in vitro. <i>Nature</i> , 1978, 276, 825-826.	27.8	133
23	DNA crosslinking induced by X-rays and chemical agents. <i>Nucleic Acids and Protein Synthesis</i> , 1977, 477, 343-355.	1.7	132
24	Cellular Mechanisms for Low-Dose Ionizing Radiation-Induced Perturbation of the Breast Tissue Microenvironment. <i>Cancer Research</i> , 2005, 65, 6734-6744.	0.9	130
25	HPRT Mutants Induced in Bystander Cells by Very Low Fluences of Alpha Particles Result Primarily from Point Mutations. <i>Radiation Research</i> , 2001, 156, 521-525.	1.5	123
26	Absence of Radiation-induced G1 Arrest in Two Closely Related Human Lymphoblast Cell Lines That Differ in p53 Status. <i>Journal of Biological Chemistry</i> , 1995, 270, 11033-11036.	3.4	119
27	Expression of CONNEXIN43 is highly sensitive to ionizing radiation and other environmental stresses. <i>Cancer Research</i> , 2003, 63, 7128-35.	0.9	118
28	Radiobiological studies of a high-energy modulated proton beam utilizing cultured mammalian cells. <i>Cancer</i> , 1975, 35, 1664-1677.	4.1	117
29	Cellular radiation effects and the bystander response. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 597, 113-118.	1.0	117
30	Factors Influencing the Repair of Potentially Lethal Radiation Damage in Growth-Inhibited Human Cells. <i>Radiation Research</i> , 1973, 56, 320.	1.5	115
31	Repair of potentially lethal radiation damage in mammalian cells is associated with enhancement of malignant transformation. <i>Nature</i> , 1975, 253, 548-549.	27.8	109
32	Delayed appearance of lethal and specific gene mutations in irradiated mammalian cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 1990, 19, 1425-1429.	0.8	97
33	Bystander effect for chromosomal aberrations induced in wild-type and repair deficient CHO cells by low fluences of alpha particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 508, 121-129.	1.0	97
34	Involvement of the Nonhomologous End Joining DNA Repair Pathway in the Bystander Effect for Chromosomal Aberrations. <i>Radiation Research</i> , 2003, 159, 262-267.	1.5	96
35	Skin fibroblasts from a D-deletion type retinoblastoma patient are abnormally X-ray sensitive. <i>Nature</i> , 1977, 266, 726-727.	27.8	94
36	Expression of Lethal Mutations in Progeny of Irradiated Mammalian Cells. <i>International Journal of Radiation Biology</i> , 1989, 55, 619-630.	1.8	94

#	ARTICLE	IF	CITATIONS
37	Distribution of Polonium <sup>210</sup> in Pulmonary Tissues of Cigarette Smokers. New England Journal of Medicine, 1965, 273, 1343-1351.	27.0	93
38	Rate of DNA repair in progeric and normal human fibroblasts. Biochemical and Biophysical Research Communications, 1974, 59, 850-857.	2.1	92
39	X-ray sensitivity of human tumor cells in vitro. International Journal of Radiation Oncology Biology Physics, 1980, 6, 437-440.	0.8	90
40	A comparison of mutation induction at the tk and hprt loci in human lymphoblastoid cells; quantitative differences are due to an additional class of mutations at the autosomal tk locus. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1989, 216, 9-17.	0.4	90
41	DNA repair in a fanconi's anemia fibroblast cell strain. Nucleic Acids and Protein Synthesis, 1979, 561, 99-109.	1.7	87
42	Comparison of kinetics of X-ray-induced cell killing in normal, ataxia telangiectasia and hereditary retinoblastoma fibroblasts. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1983, 109, 297-308.	1.0	85
43	Effect of Confluent Holding on Potentially Lethal Damage Repair, Cell Cycle Progression, and Chromosomal Aberrations in Human Normal and Ataxia-Telangiectasia Fibroblasts. Radiation Research, 1985, 101, 81.	1.5	85
44	In Vitro Radiosensitivity of Human Diploid Fibroblasts Derived from Women with Unusually Sensitive Clinical Responses to Definitive Radiation Therapy for Breast Cancer. Radiation Research, 1990, 121, 227.	1.5	83
45	Delayed reproductive death as a dominant phenotype in cell clones surviving X-irradiation. Carcinogenesis, 1992, 13, 923-928.	2.8	82
46	Effects of X-irradiation on cell-cycle progression, induction of chromosomal aberrations and cell killing in ataxia telangiectasia (AT) fibroblasts. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 148, 71-82.	1.0	80
47	Evidence That a Second Event in X-Ray-Induced Oncogenic Transformation in Vitro Occurs during Cellular Proliferation. Radiation Research, 1984, 99, 228.	1.5	77
48	Involvement of membrane signaling in the bystander effect in irradiated cells. Cancer Research, 2002, 62, 2531-4.	0.9	77
49	Delayed Initiation of DNA Synthesis in Irradiated Human Diploid Cells. Nature, 1968, 218, 1064-1065.	27.8	76
50	Survival of Human Diploid Skin Fibroblasts from Normal Individuals after X-irradiation. International Journal of Radiation Biology, 1988, 54, 899-910.	1.8	74
51	Investigation of the mechanism for enhancement of radiation transformation in vitro by 12-O-tetradecanoylphorbol-13-acetate. Carcinogenesis, 1980, 1, 1039-1047.	2.8	72
52	Induction of oncogenic transformation in vitro by ultraviolet light. Nature, 1976, 264, 442-444.	27.8	69
53	Genomic instability and radiation. Journal of Radiological Protection, 2003, 23, 173-181.	1.1	68
54	Molecular mechanisms of spontaneous and induced loss of heterozygosity in human cells in vitro. Somatic Cell and Molecular Genetics, 1992, 18, 77-87.	0.7	67

#	ARTICLE	IF	CITATIONS
55	Evidence That DNA Double-Strand Breaks Initiate the Phenotype of Delayed Reproductive Death in Chinese Hamster Ovary Cells. <i>Radiation Research</i> , 1992, 131, 53.	1.5	65
56	Abrogation of p53 function by HPV16 E6 gene delays apoptosis and enhances mutagenesis but does not alter radiosensitivity in TK6 human lymphoblast cells. <i>Oncogene</i> , 1997, 14, 1661-1667.	5.9	65
57	Relationship between DNA Repair Capacity and Cellular Aging. <i>Gerontology</i> , 1976, 22, 28-55.	2.8	63
58	ATM complexes with HDM2 and promotes its rapid phosphorylation in a p53-independent manner in normal and tumor human cells exposed to ionizing radiation. <i>Oncogene</i> , 2000, 19, 6185-6193.	5.9	62
59	Glycolytic metabolism influences global chromatin structure. <i>Oncotarget</i> , 2015, 6, 4214-4225.	1.8	62
60	Role of free radicals in the initiation and promotion of radiation transformation in vitro. <i>Carcinogenesis</i> , 1984, 5, 1213-1218.	2.8	61
61	Toxicity and mutagenicity of X-rays and [125I]dUrd or [3H]TdR incorporated in the DNA of human lymphoblast cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 111, 387-404.	1.0	59
62	Molecular and biochemical analyses of spontaneous and X-ray induced mutants in human lymphoblastoid cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1987, 178, 143-153.	1.0	59
63	Cellular, Molecular, and Carcinogenic Effects of Radiation. <i>Hematology/Oncology Clinics of North America</i> , 1993, 7, 337-352.	2.2	59
64	Low-Dose Radiation-Induced Senescent Stromal Fibroblasts Render Nearby Breast Cancer Cells Radioresistant. <i>Radiation Research</i> , 2009, 172, 306-313.	1.5	59
65	A quantitative overview of radiosensitivity of human tumor cells across histological type and TP53 status. <i>International Journal of Radiation Biology</i> , 2008, 84, 253-264.	1.8	57
66	The Role of Gap Junction Communication and Oxidative Stress in the Propagation of Toxic Effects among High-Dose $\alpha$ -Particle-Irradiated Human Cells. <i>Radiation Research</i> , 2011, 175, 347-357.	1.5	57
67	In vitro cellular radiosensitivity of human malignant tumors. <i>European Journal of Cancer</i> , 1976, 12, 47-51.	0.9	53
68	<i>In Vitro</i> Radiosensitivity of Human Diploid Fibroblasts Derived from Patients with Unusual Clinical Responses to Radiation. <i>Radiology</i> , 1976, 121, 479-482.	7.3	53
69	Normal repair of DNA single-strand breaks in patients with ataxia telangiectasia. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 607, 432-457.	1.7	53
70	Oncogenic Transformation of Mouse BALB/3T3 Cells by Plutonium-238 Alpha Particles. <i>Radiation Research</i> , 1983, 96, 261.	1.5	52
71	Changing Views of Cellular Radiosensitivity. <i>Radiation Research</i> , 1994, 140, 299.	1.5	52
72	Factors influencing the induction of sister chromatid exchanges in mammalian cells by 12-O-tetradecanoyl-phorbol-13-acetate. <i>Carcinogenesis</i> , 1981, 2, 601-607.	2.8	51

#	ARTICLE	IF	CITATIONS
73	Suppression of cytotoxic effect of mitomycin-C by superoxide dismutase in Fanconi's anemia and dyskeratosis congenita fibroblasts. <i>Carcinogenesis</i> , 1983, 4, 795-799.	2.8	51
74	Overview of Radiosensitivity of Human Tumor Cells to Low-Dose-Rate Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 909-917.	0.8	49
75	Cancer of the nasopharynx. Its clinical and radiotherapeutic considerations. <i>Cancer</i> , 1962, 15, 921-926.	4.1	47
76	Sensitivity of Human Diploid Fibroblast Cell Strains from Various Genetic Disorders to Acute and Protracted Radiation Exposure. <i>Radiation Research</i> , 1990, 123, 87.	1.5	45
77	Requirement of wild-type p53 protein for maintenance of chromosomal integrity. <i>Molecular Carcinogenesis</i> , 2000, 28, 203-214.	2.7	45
78	Response of Human Osteosarcoma <i>in Vitro</i> to Irradiation: Evidence for Unusual Cellular Repair Activity. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1977, 31, 295-299.	1.0	44
79	Molecular characterization of hprt mutants induced by low- and high-LET radiations in human cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1990, 243, 35-45.	1.1	44
80	Differential Response of Rapidly and Slowly Proliferating Human Cells to X Irradiation. <i>Radiology</i> , 1969, 93, 307-313.	7.3	43
81	Repair of Potentially-lethal Radiation Damage in Mammalian Cells: Enhancement by Conditioned Medium from Stationary Cultures. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1971, 20, 87-92.	1.0	43
82	Molecular characterization of thymidine kinase mutants of human cells induced by densely ionizing radiation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 211, 215-224.	1.0	42
83	DNA Repair and Malignant Transformation: Effect of X Irradiation, 12-O-Tetradecanoyl-Phorbol-13-Acetate, and Protease Inhibitors on Transformation and Sister-Chromatid Exchanges in Mouse 10T 1/2 Cells. <i>Radiation Research</i> , 1979, 79, 241.	1.5	41
84	Abnormal sensitivity of diploid skin fibroblasts from a family with Gardner's syndrome to the lethal effects of X-irradiation, ultraviolet light and mitomycin-C. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1980, 70, 241-250.	1.0	41
85	Induction of Chromosome Aberrations and Sister Chromatid Exchanges by X Rays in Density-Inhibited Cultures of Mouse 10T 1/2 Cells. <i>Radiation Research</i> , 1981, 87, 538.	1.5	41
86	Cellular Effects of Ionizing Radiation. <i>New England Journal of Medicine</i> , 1968, 278, 308-315.	27.0	39
87	A role for p53 in DNA end rejoining by human cell extracts. <i>Mutation Research DNA Repair</i> , 1997, 385, 21-29.	3.7	38
88	Induction of genetic instability by ionizing radiation. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 1999, 322, 127-134.	0.8	38
89	Relationship of Enhanced Survival during Confluent Holding Recovery in Ultraviolet-Irradiated Human and Mouse Cells to Chromosome Aberrations, Sister Chromatid Exchanges, and DNA Repair. <i>Radiation Research</i> , 1982, 92, 483.	1.5	37
90	Epidermal growth factor, like tumor promoters, enhances viral and radiation-induced cell transformation. <i>Carcinogenesis</i> , 1981, 2, 183-187.	2.8	36

#	ARTICLE	IF	CITATIONS
91	Influence of Noncarcinogenic Secondary Factors on Radiation Carcinogenesis. <i>Radiation Research</i> , 1981, 87, 240.	1.5	35
92	Evidence for coincident mutations in human lymphoblast clones selected for functional loss of a thymidine kinase gene. <i>Molecular Carcinogenesis</i> , 1992, 5, 270-277.	2.7	35
93	Dexamethasone-Induced Enhancement of Resistance to Ionizing Radiation and Chemotherapeutic Agents in Human Tumor Cells. <i>Strahlentherapie Und Onkologie</i> , 1999, 175, 392-396.	2.0	35
94	New Findings in the Chromosome 13 Long-Arm Deletion Syndrome and Retinoblastoma. <i>Ophthalmology</i> , 1979, 86, 1191-1198.	5.2	34
95	Chromosome 14 marker appearance in a human B lymphoblastoid cell line of nonmalignant origin. <i>Cancer Genetics and Cytogenetics</i> , 1986, 20, 231-239.	1.0	34
96	Molecular analysis of DNA isolated from the different stages of X-ray-Induced transformation in vitro. <i>Molecular Carcinogenesis</i> , 1989, 2, 27-33.	2.7	34
97	The Response of Proliferating Cell Nuclear Antigen to Ionizing Radiation in Human Lymphoblastoid Cell Lines Is Dependent on p53. <i>Radiation Research</i> , 1998, 149, 32.	1.5	34
98	Resistance of plateau-phase human normal and xeroderma pigmentosum fibroblasts to the cytotoxic effect of ultraviolet light. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1979, 63, 401-412.	1.0	33
99	Modification of radiosensitivity and recovery from X ray damage in vitro by retinoic acid. <i>International Journal of Radiation Oncology Biology Physics</i> , 1989, 16, 1285-1288.	0.8	33
100	A defect in DNA double strand break processing in cells from unaffected parents of retinoblastoma patients and other apparently normal humans. <i>DNA Repair</i> , 2007, 6, 818-829.	2.8	33
101	AXL receptor signalling suppresses p53 in melanoma through stabilization of the MDMX-MDM2 complex. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 154-165.	3.3	32
102	Human tumor cells segregate into radiosensitivity groups that associate with ATM and TP53 status. <i>Acta OncolÃ³gica</i> , 2007, 46, 628-638.	1.8	31
103	X-rays mutate human lymphoblast cells at genetic loci that should respond only to point mutagens. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1986, 163, 91-97.	1.0	30
104	Repair of potentially lethal x ray damage and possible applications to clinical radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1983, 9, 91-96.	0.8	29
105	Irradiation of Primary Human Amnion Cell Cultures: Effects on DNA Synthesis and Progression through the Cell Cycle. <i>Radiation Research</i> , 1970, 44, 674.	1.5	28
106	Histochemical, light and electron microscopic study of polonium-210 induced peripheral tumors in hamster lungs: Evidence implicating the Clara cell as the cell of origin. <i>European Journal of Cancer</i> , 1977, 13, 1325-1340.	0.9	28
107	Hypersensitivity of ataxia telangiectasia skin fibroblasts to DNA alkylating agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 94, 369-382.	1.0	28
108	Suppression of Apoptosis and Clonogenic Survival in Irradiated Human Lymphoblasts with Different TP53 Status. <i>Radiation Research</i> , 2002, 158, 699-706.	1.5	28

#	ARTICLE	IF	CITATIONS
109	VARIATIONS IN RADIOSENSITIVITY AMONG INDIVIDUALS: A POTENTIAL IMPACT ON RISK ASSESSMENT?. Health Physics, 2009, 97, 470-480.	0.5	28
110	Life-cycle Dependence of Repair of Potentially-lethal Radiation Damage. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1973, 23, 401-407.	1.0	27
111	LAURISTON S. TAYLOR LECTURE: NONTARGETED EFFECTS OF RADIATION: IMPLICATIONS FOR LOW-DOSE EXPOSURES. Health Physics, 2006, 91, 416-426.	0.5	27
112	Low-dose Radiation Effects. Health Physics, 1990, 59, 49-55.	0.5	26
113	Low doses of alpha particles do not induce sister chromatid exchanges in bystander Chinese hamster cells defective in homologous recombination. DNA Repair, 2008, 7, 515-522.	2.8	26
114	Differential Role of DNA-PKcs Phosphorylations and Kinase Activity in Radiosensitivity and Chromosomal Instability. Radiation Research, 2011, 175, 83-89.	1.5	26
115	Some unsolved problems and unresolved issues in radiation cytogenetics: A review and new data on roles of homologous recombination and non-homologous end joining. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 701, 12-22.	1.7	24
116	Oncogenic Transformation <i>in Vitro</i> after Split-dose X-irradiation. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1976, 29, 583-587.	1.0	23
117	Bio-assay for antidiuretic activity in blood of undisturbed rats. Journal of Applied Physiology, 1964, 19, 179-186.	2.5	22
118	Enhancement of Survival of X-Irradiated Mammalian Cells by the Uncoupler of Oxidative Phosphorylation, m-Chloro Carbonyl Cyanide Phenylhydrazone. Radiation Research, 1977, 71, 571.	1.5	22
119	Genotype-dependent radiosensitivity: Clonogenic survival, apoptosis and cell-cycle redistribution. International Journal of Radiation Biology, 2008, 84, 151-164.	1.8	22
120	Characterization and radiobiologic parameters of medulloblastoma in vitro. Cancer, 1977, 40, 1087-1096.	4.1	21
121	MECHANISMS OF HUMAN CELL NEOPLASTIC TRANSFORMATION: RELATIONSHIP OF SPECIFIC ABNORMAL CLONE FORMATION TO PROLONGED LIFESPAN IN X-IRRADIATED HUMAN DIPLOID FIBROBLASTS. International Journal of Cancer, 1985, 36, 407-414.	5.1	21
122	Acute leukemia after radiotherapy in a patient with Turcot's syndrome. American Journal of Medicine, 1983, 74, 343-348.	1.5	20
123	Mutagenesis and lethality following S phase irradiation of xeroderma pigmentosum and normal human diploid fibroblasts with ultraviolet light. Carcinogenesis, 1983, 4, 1389-1393.	2.8	20
124	Heterogeneity in the clastogenic response to X-rays in lymphocytes from ataxia-telangiectasia heterozygotes and controls. Cancer Causes and Control, 1992, 3, 237-245.	1.8	20
125	An EZH2-mediated epigenetic mechanism behind p53-dependent tissue sensitivity to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3452-3457.	7.1	20
126	Rapid Recovery in Plateau-Phase Mammalian Cells. Radiation Research, 1979, 80, 38.	1.5	19



#	ARTICLE	IF	CITATIONS
127	The Effect of X Irradiation on the Progression of Mouse 10T 1/2 Cells Released from Density-Inhibited Cultures. <i>Radiation Research</i> , 1984, 97, 537.	1.5	19
128	Molecular structural analysis of 417 HPRT mutations induced by restriction endonucleases in Chinese hamster ovary (CHO) cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 326, 83-92.	1.0	19
129	Circulating antidiuretic hormone in rats: effects of dietary electrolytes and protein. <i>American Journal of Physiology</i> , 1964, 207, 821-825.	5.0	18
130	Malignant transformation by the DNA-protein crosslinking agent trans-Pt(II) diamminedichloride. <i>Carcinogenesis</i> , 1980, 1, 989-994.	2.8	18
131	Starvation for arginine and glutamine sensitizes human diploid cells to the transforming effects of N-acetoxy-2-acetyl-aminofluorene. <i>Carcinogenesis</i> , 1981, 2, 1303-1310.	2.8	18
132	Toxicity and mutagenicity of low dose rates of ionizing radiation from tritiated water in human lymphoblastoid cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1985, 157, 77-86.	1.2	18
133	Efficient immortalization by SV40 T DNA of Skin Fibroblasts From Patients With Wilms' Tumor Associated With Chromosome 11p Deletion. <i>Molecular Carcinogenesis</i> , 1989, 2, 314-321.	2.7	18
134	Recombinagenic activity of the phorbol ester 12-O-Metradecanoylphorbol-13-acetate in human lymphoblastoid cells. <i>Carcinogenesis</i> , 1995, 16, 1717-1722.	2.8	18
135	Multiple manifestations of X-ray-induced genomic instability in Chinese hamster ovary (CHO) cells. <i>Molecular Carcinogenesis</i> , 2001, 32, 118-127.	2.7	18
136	A Low-dose Arsenic-induced p53 Protein-mediated Metabolic Mechanism of Radiotherapy Protection. <i>Journal of Biological Chemistry</i> , 2014, 289, 5340-5347.	3.4	18
137	A functional interplay between $\hat{I}^{133}p53$ and $\hat{I}^{Np63}$ in promoting glycolytic metabolism to fuel cancer cell proliferation. <i>Oncogene</i> , 2018, 37, 2150-2164.	5.9	17
138	ZBTB7A governs estrogen receptor alpha expression in breast cancer. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 273-284.	3.3	17
139	Cross-sensitivity of certain xeroderma pigmentosum and cockayne syndrome fibroblast strains to both ionizing radiation and ultraviolet light. <i>Molecular Genetics and Genomics</i> , 1981, 181, 562-563.	2.4	16
140	Induction of sister-chromatid exchanges by DNA-damaging agents and 12-O-tetradecanoyl-phorbol-13-acetate (TPA) in synchronous Chinese hamster ovary (CHO) cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 107, 315-327.	1.0	16
141	Identification of ataxia telangiectasia heterozygotes by flow cytometric analysis of X-ray damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 211, 19-29.	1.0	16
142	Radiation Sensitivity of Primary Fibroblasts from Hereditary Retinoblastoma Family Members and Some Apparently Normal Controls: Colony Formation Ability during Continuous Low-Dose-Rate Gamma Irradiation. <i>Radiation Research</i> , 2008, 169, 483-494.	1.5	16
143	Functional interplay between p53 and $\hat{I}^{133}p53$ in adaptive stress response. <i>Cell Death and Differentiation</i> , 2020, 27, 1618-1632.	11.2	16
144	Familial retinoblastoma and ataxia telangiectasia human models for the study of DNA damage and repair. <i>Cancer</i> , 1980, 45, 775-779.	4.1	15

#	ARTICLE	IF	CITATIONS
145	Sister-chromatid exchanges in lymphocytes from styrene-exposed boat builders. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1990, 241, 215-221.	1.2	15
146	Differing Responses of Nijmegen Breakage Syndrome and Ataxia Telangiectasia Cells to Ionizing Radiation. Radiation Research, 2002, 158, 319-326.	1.5	15
147	G <sub>2</sub> -Phase Chromosomal Radiosensitivity of Primary Fibroblasts from Hereditary Retinoblastoma Family Members and Some Apparently Normal Controls. Radiation Research, 2010, 173, 62-70.	1.5	15
148	Inhibition of postreplication repair and the enhancement of induction of SV40 virus from transformed hamster kidney cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1978, 51, 109-119.	1.0	14
149	Repair of fractionated radiation in plateau phase cultures of human tumor cells and human multicellular tumor spheroids. Radiotherapy and Oncology, 1984, 2, 41-47.	0.6	14
150	Epidermal growth factor induces cytogenetic damage in mammalian cells. Carcinogenesis, 1987, 8, 625-627.	2.8	14
151	Effects of cigarette smoking and solvent exposure on sister chromatid exchange frequency in painters. Environmental and Molecular Mutagenesis, 1988, 11, 389-399.	2.2	14
152	Effect of duration of exposure to benzo(a)pyrene diol-epoxide on neoplastic transformation, mutagenesis, cytotoxicity, and total covalent binding to DNA of rodent cells. Teratogenesis, Carcinogenesis, and Mutagenesis, 1988, 8, 127-136.	0.8	14
153	Studies of mutagenesis and neoplastic transformation by bivalent metal ions and ionizing radiation. Teratogenesis, Carcinogenesis, and Mutagenesis, 1988, 8, 287-292.	0.8	14
154	Sister chromatid exchange in painters recently exposed to solvents. Environmental Research, 1989, 50, 248-255.	7.5	14
155	Influence of confluent holding time on UV light mutagenesis in human diploid fibroblasts. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1983, 110, 401-412.	1.0	13
156	A Comparison of the Lethal Effects of Intracellular Radionuclides in Human and Rodent Cells. Radiation Research, 1983, 95, 359.	1.5	13
157	Induction of Neoplastic Transformation by Low-Dose-Rate Exposure to Tritiated Water. Radiation Research, 1986, 107, 225.	1.5	13
158	Genotoxic and mutagenic effects of the diagnostic use of thallium-201 in nuclear medicine. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1991, 260, 239-246.	1.2	13
159	Differential Radiosensitivity Phenotypes of DNA-PKcs Mutations Affecting NHEJ and HRR Systems following Irradiation with Gamma-Rays or Very Low Fluences of Alpha Particles. PLoS ONE, 2014, 9, e93579.	2.5	13
160	Human epidermal growth factor receptor 4 (Her4) Suppresses p53 Protein via Targeting the MDMX-MDM2 Protein Complex. Journal of Biological Chemistry, 2016, 291, 25937-25949.	3.4	13
161	Enhancement of Survival of Irradiated Plateau Phase Cells by Dinitrophenol: Effect of Dose-Rate and Cell Strain. Radiation Research, 1976, 66, 90.	1.5	12
162	Application of denaturing gradient gel blots to detect p53 mutations in X-ray-transformed mouse C3H 10T1/2 clones. Molecular Carcinogenesis, 1993, 7, 190-196.	2.7	12

#	ARTICLE	IF	CITATIONS
163	Radio-induced modulation of transforming growth factor $\beta$ 1 sensitivity in p53 wild-type human colorectal-cancer cell line. , 1996, 68, 126-131.		12
164	Unexpected sensitivity to radiation of fibroblasts from unaffected parents of children with hereditary retinoblastoma. International Journal of Cancer, 2002, 99, 764-768.	5.1	12
165	Abnormal Gene Expression Profiles in Unaffected Parents of Patients with Hereditary-Type Retinoblastoma. Cancer Research, 2006, 66, 3428-3433.	0.9	12
166	LIXT, a novel MDMX-binding protein, promotes glycolysis by mitigating p53-mediated restriction of NF- $\kappa$ B activity. Oncotarget, 2015, 6, 17584-17593.	1.8	12
167	Fractionated Radiation Response of Human Cells in Stationary and Exponential Phases of Growth. Radiology, 1973, 108, 423-428.	7.3	11
168	Response of Plateau-phase Mouse Embryo Fibroblasts to Ultra-violet Light. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1979, 35, 101-110.	1.0	11
169	Radiation sensitivity of fibroblast strains from patients with Usher's syndrome, Duchenne muscular dystrophy, and Huntington's disease. Mutation Research - DNA Repair Reports, 1987, 184, 29-38.	1.8	11
170	Efficient Mutation Induction by $^{125}\text{I}$ and $^{131}\text{I}$ Decays in DNA of Human Cells. Radiation Research, 1990, 123, 68.	1.5	11
171	Evidence for a role for genomic instability in radiation-induced mutagenesis. Radiation Oncology Investigations, 1997, 5, 119-123.	0.9	11
172	X-ray induction of microsatellite instability at autosomal loci in human lymphoblastoid WTK1 cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 478, 97-106.	1.0	11
173	Differing patterns of cytotoxicity of the phorbol ester 12-O-tetradecanoylphorbol 13-acetate in various human cell strains. Carcinogenesis, 1985, 6, 1703-1708.	2.8	10
174	The influence of cellular proliferative history on the susceptibility to oncogenic transformation. Journal of Cellular Physiology, 1981, 109, 317-322.	4.1	8
175	Effects of estradiol concentration on levels of nuclear estrogen receptors in MCF-7 breast tumor cells. The Journal of Steroid Biochemistry, 1984, 20, 605-609.	1.1	8
176	Modulation of clonogenicity, growth, and radiosensitivity of three human epidermoid tumor cell lines by a fibroblastic environment. International Journal of Radiation Oncology Biology Physics, 1996, 34, 1061-1071.	0.8	8
177	Lack of Uncoupling of S Phase and Mitosis after Irradiation in p53 - Human Lymphoblast Cell Lines. Radiation Research, 1997, 148, 129.	1.5	8
178	Tumor response to radiotherapy is dependent on genotype-associated mechanisms in vitro and in vivo. Radiation Oncology, 2010, 5, 71.	2.7	8
179	Repair of DNA Strand Breaks in Progeric Fibroblasts and Aging Human Diploid Cells. , 1975, 5B, 793-800.		8
180	Gamma-irradiation of Mammalian Beating Heart Cells<i>in Vitro</i>Effects on Cellular Function. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1975, 28, 99-102.	1.0	7

#	ARTICLE	IF	CITATIONS
181	Enhancement of Radiation Killing of Cultured Mammalian Cells by Cordycepin. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1978, 34, 417-429.	1.0	7
182	Investigation of the cytotoxic effects of DNA damaging agents on neurofibromatosis cells. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 142, 55-58.	1.1	7
183	Characteristics of radiation-induced neoplastic transformation in vitro. Leukemia Research, 1986, 10, 719-725.	0.8	7
184	Effect of aliphatic amides on oncogenic transformation, sister chromatid exchanges, and mutations induced by cyclopenta[cd]-pyrene and benzo[a]pyrene. Carcinogenesis, 1986, 7, 1647-1650.	2.8	7
185	Spontaneous Transformation to Anchorage-Independent Growth of a Xeroderma Pigmentosum Fibroblast Cell Strain. Journal of Investigative Dermatology, 1987, 88, 149-153.	0.7	7
186	Retinoic acid inhibits the fixation of initial transformational damage in X-irradiated Balb/3T3 mouse fibroblasts in vitro. Carcinogenesis, 1989, 10, 2183-2186.	2.8	7
187	Coordination of the Ser2056 and Thr2609 Clusters of DNA-PKcs in Regulating Gamma Rays and Extremely Low Fluencies of Alpha-Particle Irradiation to G0/G1 Phase Cells. Radiation Research, 2017, 187, 259.	1.5	7
188	MDMX phosphorylation-dependent p53 downregulation contributes to an immunosuppressive tumor microenvironment. Journal of Molecular Cell Biology, 2020, 12, 713-722.	3.3	7
189	AUTORADIOGRAPHY USING DRY MOUNTED FREEZE-DRIED SECTIONS FOR LOCALIZATION OF CARCINOGENS IN THE LUNG. Journal of Histochemistry and Cytochemistry, 1974, 22, 361-367.	2.5	6
190	Establishment and Characteristics of a Hamster Lung Adenocarcinoma In Vivo and In Vitro 2. Journal of the National Cancer Institute, 1975, 55, 865-872.	6.3	6
191	Relative Responses of an X-ray-resistant Hybrid Cell-line and Its Parent Line to X-irradiation, Ultraviolet Light, Actinomycin D and Cordycepin. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1977, 31, 529-539.	1.0	6
192	Relative Survival of Hybrid X-Ray-Resistant, and Normally Sensitive Mammalian Cells Exposed to X Rays and Protons under Aerobic and Hypoxic Conditions. Radiation Research, 1978, 73, 585.	1.5	6
193	An in vitro investigation of genetic susceptibility to cancer in diploid fibroblasts from retinoblastoma patients. Teratogenesis, Carcinogenesis, and Mutagenesis, 1981, 1, 171-179.	0.8	6
194	Survival of hereditary retinoblastoma human skin fibroblasts after treatment with DNA-damaging chemicals. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1982, 105, 189-194.	1.1	6
195	Exogenous lactate interferes with cell-cycle control in mouse fibroblasts. International Journal of Radiation Oncology Biology Physics, 1995, 31, 525-528.	0.8	6
196	BIOLOGICAL CONSEQUENCES OF X-RAY INDUCED DNA DAMAGE AND REPAIR PROCESSES IN RELATION TO CELL KILLING AND CARCINOGENESIS. , 1978, , 701-711.		6
197	Systemic Absorption of Polonium-210 Inhaled in Cigarette Smoke. Archives of Environmental Health, 1968, 17, 693-696.	0.4	5
198	Characterization of Rapid Recovery from $\hat{1}^3$ -Ray Damage in Plateau-Phase Human Diploid Fibroblasts. Radiation Research, 1982, 89, 274.	1.5	5

#	ARTICLE	IF	CITATIONS
199	Further Studies on the Survival of Non-proliferating Human Diploid Fibroblasts Irradiated with Ultraviolet Light. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1982, 41, 359-368.	1.0	5
200	Mutagenic and chromosomal events in radiation transformation. Biochimie, 1985, 67, 405-415.	2.6	5
201	Interrelationships among X-ray-induced anchorage independence, mutagenesis and chromosomal rearrangements in human diploid fibroblasts. International Journal of Cancer, 1987, 40, 64-68.	5.1	5
202	Effect of Restoration of Retinoblastoma Gene Function on the Radiosensitivity of Cells of Human Tumor Cell Lines. Radiation Research, 1994, 140, 172.	1.5	5
203	Overexpression of p21 protein in radiation- transformed mouse 10T½ cell clones. , 2000, 27, 141-148.		5
204	Sequentially-induced responses define tumour cell radiosensitivity. International Journal of Radiation Biology, 2011, 87, 628-643.	1.8	5
205	MDMX under stress: the MDMX-MDM2 complex as stress signals hub. Translational Cancer Research, 2016, 5, 725-732.	1.0	5
206	Deposition and Localization of Polonium-210 Intratracheally Instilled in the Hamster Lung as Determined by Autoradiography of Freeze-Dried Sections. Radiation Research, 1977, 69, 553.	1.5	4
207	Morphologic and histochemical characteristics of cell lines derived from hamster peripheral lung tumors. European Journal of Cancer, 1977, 13, 1341-1350.	0.9	4
208	Actinomycin D Suppresses Radiation Transformation in Vitro. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1980, 38, 465-468.	1.0	4
209	Dissociated occurrence of single-gene mutation and oncogenic transformation in C3H 10T½ cells exposed to ultraviolet light and caffeine. Journal of Cellular Physiology, 1982, 111, 309-314.	4.1	4
210	Influence of isopropylvaleramide and allylisopropylacetamide on transformation of C3H/10T½ cells induced by benzo[a]pyrene derivatives. Carcinogenesis, 1985, 6, 7-11.	2.8	4
211	Toxicity and mutual interactions of cadmium and zinc ions in normal and carcinogen-transformed mouse cells. Cell Biology and Toxicology, 1986, 2, 1-8.	5.3	4
212	Molecular Events in Radiation Transformation. Radiation Research, 2001, 155, 215-221.	1.5	4
213	Cellular Localization of Intratracheally Administered 210Po in the Hamster Lung Using Autoradiography of Thin Sections from Plastic Embedded Tissue. , 1974, , 475-484.		4
214	<i>Response</i> : Polonium-210 in Cigarette Smokers. Science, 1964, 146, 87-87.	12.6	4
215	Circulating Antidiuretic Hormone in the X-Irradiated Rat. Radiation Research, 1968, 36, 441.	1.5	3
216	Histochemistry of normal lungs and 210Po induced pulmonary tumors in Hamsters. Acta Histochemica, 1977, 58, 353-359.	1.8	3

#	ARTICLE	IF	CITATIONS
217	Effects of serum-free defined medium on MCF-7 cell nuclear estrogen-receptor levels. <i>Molecular and Cellular Endocrinology</i> , 1982, 28, 91-98.	3.2	3
218	Modulation of survival and transformation during plateau-phase holding of UV-irradiated mouse cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 104, 183-186.	1.1	3
219	EFFECTS OF FLUENCE FRACTIONATION ON UV-INDUCED MALIGNANT TRANSFORMATION AND CELL KILLING IN NON-CYCLING PLATEAU PHASE MOUSE CELLS. <i>Photochemistry and Photobiology</i> , 1982, 36, 409-411.	2.5	3
220	Repair of Potentially Lethal X-ray Damage in Fibroblasts Derived from Patients with Hereditary and D-deletion Retinoblastoma. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1985, 47, 445-456.	1.0	3
221	Spontaneous and induced levels of chromosomal aberration and sister-chromatid exchange in neurofibromatosis: no evidence of chromosomal hypersensitivity. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 283, 237-242.	1.1	3
222	Transmission of damage signals from irradiated to nonirradiated cells. <i>International Congress Series</i> , 2002, 1236, 229-235.	0.2	3
223	THE EFFECT OF DNA DAMAGE ON THE INDUCTION OF SIMIAN VIRUS 40 (SV40) IN TRANSFORMED HAMSTER CELLS. , 1978, , 567-571.		3
224	X-RAY SENSITIVITY OF FIBROBLASTS FROM PATIENTS WITH RETINOBLASTOMA AND WITH ABNORMALITIES OF CHROMOSOME 13. , 1978, , 685-690.		3
225	Radiation Therapy for Cancer of the Nasopharynx. <i>Archives of Otolaryngology</i> , 1963, 77, 67.	0.0	2
226	Normal repair of ultraviolet-induced DNA damage in a hypersensitive strain of fibroblasts from a patient with Gardner's syndrome. <i>Mutation Research - DNA Repair Reports</i> , 1983, 112, 383-395.	1.8	2
227	Recovery of mitomycin C-treated mouse 10T12 cells during confluent holding. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988, 198, 153-160.	1.0	2
228	Studies of Ionizing Radiation as a Promoter of Neoplastic Transformation in Vitro. <i>International Journal of Radiation Biology</i> , 1988, 53, 661-666.	1.8	2
229	RFLP mapping of thymidine kinase mutants places DI7S4 proximal to the human TK1 locus. <i>Nucleic Acids Research</i> , 1991, 19, 3748-3748.	14.5	2
230	Cell Cycle Deregulation and Xeroderma Pigmentosum Group C Cell Transformation. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1350-1354.	0.7	2
231	Strategies for the Prevention of Treatment-Induced Secondary Cancer. , 1991, , 39-45.		2
232	Interactions between Radiation and Benzo(a)pyrene in an in vitro Model for Malignant Transformation. , 1974, , 497-506.		2
233	Oncogenic Cell Transformation in Vitro. <i>Advances in Radiation Biology</i> , 1992, , 137-158.	0.4	2
234	Selective Protection of Cultured Human Cells from the Toxic Effects of Ultraviolet Light by Proflavine Pretreatment. <i>Radiation Research</i> , 1977, 72, 154.	1.5	1

#	ARTICLE	IF	CITATIONS
235	Characteristics and mechanisms of the bystander response in monolayer cell cultures exposed to very low fluences of alpha particles. Radiation Physics and Chemistry, 2005, 72, 307-313.	2.8	1
236	The MDM2/MDMX/p53 axis in the adaptive stress response. Translational Cancer Research, 2020, 9, 1993-1997.	1.0	1
237	SV40LT Highly Mutates and Immortalizes Two Fibroblast Strains from Patients with Wilms' Tumor.. Cell Structure and Function, 1999, 24, 35-41.	1.1	1
238	Role of tumor suppressor genes in determining radiation-induced G1 arrest and transformation in human cells. Radiation Oncology Investigations, 1995, 3, 268-271.	0.9	0
239	Response to the Letter by Colin Seymour and Carmel Mothersill. Radiation Research, 1999, 151, 505.	1.5	0
240	Morphological Alteration of X-ray Induced Partially Transformed Human Cells by Transfection with a Small c-myc DNA Sequence. Biochemical and Biophysical Research Communications, 2000, 272, 887-894.	2.1	0
241	Serendipity and chance in one's life and scientific career. Cancer Biology and Therapy, 2007, 6, 295-300.	3.4	0
242	Experimental Respiratory Carcinogenesis: Interaction between Alpha Radiation and Benzo (a) pyrene in the Hamster. , 1974, , 485-491.		0
243	DNA REPAIR IN CULTURED MAMMALIAN CELLS. , 1977, , 197-224.		0
244	Role of Energy Distribution in DNA on the Mutagenic Effects of Internal Emitters. , 1991, , 201-210.		0
245	ONCOGENE ACTIVATION DURING RADIATION TRANSFORMATION IN VITRO. , 1992, , 380-385.		0