

John B Little

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246
papers

11,188
citations

56
h-index

99
g-index

247
ext. papers

11,807
ext. citations

7.9
avg, IF

6.02
L-index

#	Paper	IF	Citations
246	Cancer risks attributable to low doses of ionizing radiation: assessing what we really know. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 13761-6	11.5	1217
245	Radiation carcinogenesis. <i>Carcinogenesis</i> , 2000 , 21, 397-404	4.6	439
244	Intercellular Communication Is Involved in the Bystander Regulation of Gene Expression in Human Cells Exposed to Very Low Fluences of Alpha Particles. <i>Radiation Research</i> , 1998 , 150, 497	3.1	357
243	Oxidative metabolism, gap junctions and the ionizing radiation-induced bystander effect. <i>Oncogene</i> , 2003 , 22, 7050-7	9.2	257
242	Prevalence and spectrum of germline mutations of the p53 gene among patients with sarcoma. <i>New England Journal of Medicine</i> , 1992 , 326, 1301-8	59.2	255
241	Oncogenic point mutations in the human retinoblastoma gene: their application to genetic counseling. <i>New England Journal of Medicine</i> , 1989 , 321, 1689-95	59.2	252
240	Cancer survivorship--genetic susceptibility and second primary cancers: research strategies and recommendations. <i>Journal of the National Cancer Institute</i> , 2006 , 98, 15-25	9.7	233
239	Oxidative metabolism modulates signal transduction and micronucleus formation in bystander cells from alpha-particle-irradiated normal human fibroblast cultures. <i>Cancer Research</i> , 2002 , 62, 5436-42	10.1	215
238	Ku70: a candidate tumor suppressor gene for murine T cell lymphoma. <i>Molecular Cell</i> , 1998 , 2, 1-8	17.6	205
237	Repair of sub-lethal and potentially lethal radiation damage in plateau phase cultures of human cells. <i>Nature</i> , 1969 , 224, 804-6	50.4	200
236	Unexpected Sensitivity to the Induction of Mutations by Very Low Doses of Alpha-Particle Radiation: Evidence for a Bystander Effect. <i>Radiation Research</i> , 1999 , 152, 552	3.1	194
235	Potential role of WAF1/Cip1/p21 as a mediator of TGF-beta cytoinhibitory effect. <i>Journal of Biological Chemistry</i> , 1995 , 270, 4971-4	5.4	192
234	Repair of potentially lethal radiation damage in vitro and in vivo. <i>Radiology</i> , 1973 , 106, 689-94	20.5	182
233	Genomic instability and bystander effects: a historical perspective. <i>Oncogene</i> , 2003 , 22, 6978-87	9.2	177
232	Cell transformation by chemical agents--a review and analysis of the literature. A report of the U.S. Environmental Protection Agency Gene-Tox Program. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1983 , 114, 283-385		170
231	Deficient recovery from potentially lethal radiation damage in ataxia telangiectasia and xeroderma pigmentosum. <i>Nature</i> , 1978 , 271, 261-2	50.4	157
230	Association of mammalian cell death with a specific endonucleolytic degradation of DNA. <i>Nature</i> , 1974 , 252, 754-5	50.4	139

229	Radiation-Induced Genomic Instability: Delayed Mutagenic and Cytogenetic Effects of X Rays and Alpha Particles. <i>Radiation Research</i> , 1997 , 148, 299	3.1	136
228	Timing of the steps in transformation of C3H 10T 1/2 cells by X-irradiation. <i>Nature</i> , 1984 , 307, 85-6	50.4	135
227	Protease inhibitors suppress radiation-induced malignant transformation in vitro. <i>Nature</i> , 1978 , 276, 825-6	50.4	120
226	HPRT mutants induced in bystander cells by very low fluences of alpha particles result primarily from point mutations. <i>Radiation Research</i> , 2001 , 156, 521-5	3.1	118
225	The radiation-induced bystander effect: evidence and significance. <i>Human and Experimental Toxicology</i> , 2004 , 23, 61-5	3.4	117
224	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, 191-9	3.3	108
223	DNA crosslinking induced by x-rays and chemical agents. <i>Nucleic Acids and Protein Synthesis</i> , 1977 , 477, 343-55		107
222	Cellular mechanisms for low-dose ionizing radiation-induced perturbation of the breast tissue microenvironment. <i>Cancer Research</i> , 2005 , 65, 6734-44	10.1	104
221	Radiobiological studies of a high-energy modulated proton beam utilizing cultured mammalian cells. <i>Cancer</i> , 1975 , 35, 1664-77	6.4	103
220	Cellular radiation effects and the bystander response. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 597, 113-8	3.3	100
219	Repair of potentially lethal radiation damage in mammalian cells is associated with enhancement of malignant transformation. <i>Nature</i> , 1975 , 253, 548-9	50.4	98
218	Expression of CONNEXIN43 is highly sensitive to ionizing radiation and other environmental stresses. <i>Cancer Research</i> , 2003 , 63, 7128-35	10.1	96
217	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, 11033-6	5.4	95
216	Involvement of the nonhomologous end joining DNA repair pathway in the bystander effect for chromosomal aberrations. <i>Radiation Research</i> , 2003 , 159, 262-7	3.1	87
215	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, 121-9	3.3	86
214	Rate of DNA repair in progeric and normal human fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1974 , 59, 850-7	3.4	86
213	X-ray sensitivity of human tumor cells in vitro. <i>International Journal of Radiation Oncology Biology Physics</i> , 1980 , 6, 437-40	4	85
212	Skin fibroblasts from a D-deletion type retinoblastoma patient are abnormally X-ray sensitive. <i>Nature</i> , 1977 , 266, 726-7	50.4	85

211	Expression of lethal mutations in progeny of irradiated mammalian cells. <i>International Journal of Radiation Biology</i> , 1989 , 55, 619-30	2.9	83
210	Delayed appearance of lethal and specific gene mutations in irradiated mammalian cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 1990 , 19, 1425-9	4	78
209	DNA repair in a Fanconi's anemia fibroblast cell strain. <i>Nucleic Acids and Protein Synthesis</i> , 1979 , 561, 99-109		77
208	Factors Influencing the Repair of Potentially Lethal Radiation Damage in Growth-Inhibited Human Cells. <i>Radiation Research</i> , 1973 , 56, 320	3.1	77
207	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. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1989 , 216, 9-17		74
206	Distribution of polonium-210 in pulmonary tissues of cigarette smokers. <i>New England Journal of Medicine</i> , 1965 , 273, 1343-51	59.2	74
205	Effects of X-irradiation on cell-cycle progression, induction of chromosomal aberrations and cell killing in ataxia telangiectasia (AT) fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1985 , 148, 71-82	3.3	73
204	Comparison of kinetics of X-ray-induced cell killing in normal, ataxia telangiectasia and hereditary retinoblastoma fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983 , 109, 297-308	3.3	73
203	Delayed reproductive death as a dominant phenotype in cell clones surviving X-irradiation. <i>Carcinogenesis</i> , 1992 , 13, 923-8	4.6	72
202	Survival of human diploid skin fibroblasts from normal individuals after X-irradiation. <i>International Journal of Radiation Biology</i> , 1988 , 54, 899-910	2.9	70
201	Delayed initiation of DNA synthesis in irradiated human diploid cells. <i>Nature</i> , 1968 , 218, 1064-5	50.4	70
200	Investigation of the mechanism for enhancement of radiation transformation in vitro by 12-O-tetradecanoylphorbol-13-acetate. <i>Carcinogenesis</i> , 1980 , 1, 1039-47	4.6	69
199	Induction of oncogenic transformation in vitro by ultraviolet light. <i>Nature</i> , 1976 , 264, 442-4	50.4	68
198	Involvement of membrane signaling in the bystander effect in irradiated cells. <i>Cancer Research</i> , 2002 , 62, 2531-4	10.1	67
197	Effect of Confluent Holding on Potentially Lethal Damage Repair, Cell Cycle Progression, and Chromosomal Aberrations in Human Normal and Ataxia-Telangiectasia Fibroblasts. <i>Radiation Research</i> , 1985 , 101, 81	3.1	66
196	Evidence That a Second Event in X-Ray-Induced Oncogenic Transformation in Vitro Occurs during Cellular Proliferation. <i>Radiation Research</i> , 1984 , 99, 228	3.1	65
195	Genomic instability and radiation. <i>Journal of Radiological Protection</i> , 2003 , 23, 173-81	1.2	64
194	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, 1661-7	9.2	62

193	In Vitro Radiosensitivity of Human Diploid Fibroblasts Derived from Women with Unusually Sensitive Clinical Responses to Definitive Radiation Therapy for Breast Cancer. <i>Radiation Research</i> , 1990 , 121, 227	3.1	59
192	Molecular mechanisms of spontaneous and induced loss of heterozygosity in human cells in vitro. <i>Somatic Cell and Molecular Genetics</i> , 1992 , 18, 77-87		57
191	Relationship between DNA repair capacity and cellular aging. <i>Gerontology</i> , 1976 , 22, 28-55	5.5	57
190	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, 6185-93	9.2	55
189	Role of free radicals in the initiation and promotion of radiation transformation in vitro. <i>Carcinogenesis</i> , 1984 , 5, 1213-8	4.6	55
188	Glycolytic metabolism influences global chromatin structure. <i>Oncotarget</i> , 2015 , 6, 4214-25	3.3	53
187	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, 143-53	3.3	51
186	Factors influencing the induction of sister chromatid exchanges in mammalian cells by 12-O-tetradecanoyl-phorbol-13-acetate. <i>Carcinogenesis</i> , 1981 , 2, 601-7	4.6	51
185	The role of gap junction communication and oxidative stress in the propagation of toxic effects among high-dose β particle-irradiated human cells. <i>Radiation Research</i> , 2011 , 175, 347-57	3.1	50
184	Changing Views of Cellular Radiosensitivity. <i>Radiation Research</i> , 1994 , 140, 299	3.1	50
183	Suppression of cytotoxic effect of mitomycin-C by superoxide dismutase in Fanconi's anemia and dyskeratosis congenita fibroblasts. <i>Carcinogenesis</i> , 1983 , 4, 795-9	4.6	49
182	In vitro radiosensitivity of human diploid fibroblasts derived from patients with unusual clinical responses to radiation. <i>Radiology</i> , 1976 , 121, 479-82	20.5	49
181	A quantitative overview of radiosensitivity of human tumor cells across histological type and TP53 status. <i>International Journal of Radiation Biology</i> , 2008 , 84, 253-64	2.9	48
180	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	3.1	48
179	Toxicity and mutagenicity of X-rays and [¹²⁵ I]dUrd or [³ H]TdR incorporated in the DNA of human lymphoblast cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983 , 111, 387-404	3.3	48
178	In vitro cellular radiosensitivity of human malignant tumors. <i>European Journal of Cancer</i> , 1976 , 12, 47-51		46
177	Low-dose radiation-induced senescent stromal fibroblasts render nearby breast cancer cells radioresistant. <i>Radiation Research</i> , 2009 , 172, 306-13	3.1	44
176	Requirement of wild-type p53 protein for maintenance of chromosomal integrity. <i>Molecular Carcinogenesis</i> , 2000 , 28, 203-14	5	43

175	Overview of radiosensitivity of human tumor cells to low-dose-rate irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 72, 909-17	4	42
174	Cellular, Molecular, and Carcinogenic Effects of Radiation. <i>Hematology/Oncology Clinics of North America</i> , 1993 , 7, 337-352	3.1	42
173	Normal repair of DNA single-strand breaks in patients with ataxia telangiectasia. <i>Nucleic Acids and Protein Synthesis</i> , 1980 , 607, 432-7		42
172	Oncogenic Transformation of Mouse BALB/3T3 Cells by Plutonium-238 Alpha Particles. <i>Radiation Research</i> , 1983 , 96, 261	3.1	41
171	Differential response of rapidly and slowly proliferating human cells to X irradiation. <i>Radiology</i> , 1969 , 93, 307-13	20.5	40
170	Cellular Effects of Ionizing Radiation. <i>New England Journal of Medicine</i> , 1968 , 278, 308-315	59.2	38
169	Cancer of the nasopharynx. Its clinical and radiotherapeutic considerations. <i>Cancer</i> , 1962 , 15, 921-6	6.4	38
168	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, 241-50	3.3	36
167	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	3.1	36
166	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	3.1	34
165	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	3.1	34
164	Response of human osteosarcoma in vitro 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, 295-9		34
163	Sensitivity of Human Diploid Fibroblast Cell Strains from Various Genetic Disorders to Acute and Protracted Radiation Exposure. <i>Radiation Research</i> , 1990 , 123, 87	3.1	33
162	Epidermal growth factor, like tumor promoters, enhances viral and radiation-induced cell transformation. <i>Carcinogenesis</i> , 1981 , 2, 183-7	4.6	33
161	Chromosome 14 marker appearance in a human B lymphoblastoid cell line of nonmalignant origin. <i>Cancer Genetics and Cytogenetics</i> , 1986 , 20, 231-9		32
160	New findings in the chromosome 13 long-arm deletion syndrome and retinoblastoma. <i>Ophthalmology</i> , 1979 , 86, 1191-201	7.3	32
159	Influence of Noncarcinogenic Secondary Factors on Radiation Carcinogenesis. <i>Radiation Research</i> , 1981 , 87, 240	3.1	32
158	A role for p53 in DNA end rejoining by human cell extracts. <i>Mutation Research DNA Repair</i> , 1997 , 385, 21-9		31

157	Induction of genetic instability by ionizing radiation. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 1999 , 322, 127-34		30
156	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		30
155	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, 818-29	4.3	29
154	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	3.1	29
153	Evidence for coincident mutations in human lymphoblast clones selected for functional loss of a thymidine kinase gene. <i>Molecular Carcinogenesis</i> , 1992 , 5, 270-7	5	29
152	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, 215-243	3.3	29
151	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, 1285-8	4	28
150	Molecular analysis of DNA isolated from the different stages of x-ray-induced transformation in vitro. <i>Molecular Carcinogenesis</i> , 1989 , 2, 27-33	5	28
149	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, 91-7	3.3	28
148	Variations in radiosensitivity among individuals: a potential impact on risk assessment?. <i>Health Physics</i> , 2009 , 97, 470-80	2.3	27
147	Suppression of apoptosis and clonogenic survival in irradiated human lymphoblasts with different TP53 status. <i>Radiation Research</i> , 2002 , 158, 699-706	3.1	27
146	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, 401-12	3.3	27
145	Differential role of DNA-PKcs phosphorylations and kinase activity in radiosensitivity and chromosomal instability. <i>Radiation Research</i> , 2011 , 175, 83-9	3.1	25
144	Human tumor cells segregate into radiosensitivity groups that associate with ATM and TP53 status. <i>Acta Oncologica</i> , 2007 , 46, 628-38	3.2	25
143	Dexamethasone-induced enhancement of resistance to ionizing radiation and chemotherapeutic agents in human tumor cells. <i>Strahlentherapie Und Onkologie</i> , 1999 , 175, 392-6	4.3	25
142	Repair of potentially lethal X ray damage and possible applications to clinical radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1983 , 9, 91-6	4	25
141	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		25
140	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	6.3	24

139	Hypersensitivity of ataxia telangiectasia skin fibroblasts to DNA alkylating agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982 , 94, 369-82	3.3	24
138	Some unsolved problems and unresolved issues in radiation cytogenetics: a review and new data on roles of homologous recombination and non-homologous end joining. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010 , 701, 12-22	3	23
137	Low doses of alpha particles do not induce sister chromatid exchanges in bystander Chinese hamster cells defective in homologous recombination. <i>DNA Repair</i> , 2008 , 7, 515-22	4.3	23
136	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, 1325-40		23
135	Lauriston S. Taylor lecture: nontargeted effects of radiation: implications for low-dose exposures. <i>Health Physics</i> , 2006 , 91, 416-26	2.3	21
134	Characterization and radiobiologic parameters of medulloblastoma in vitro. <i>Cancer</i> , 1977 , 40, 1087-96	6.4	20
133	Irradiation of Primary Human Amnion Cell Cultures: Effects on DNA Synthesis and Progression through the Cell Cycle. <i>Radiation Research</i> , 1970 , 44, 674	3.1	20
132	Heterogeneity in the clastogenic response to X-rays in lymphocytes from ataxia-telangiectasia heterozygotes and controls. <i>Cancer Causes and Control</i> , 1992 , 3, 237-45	2.8	19
131	Low-dose radiation effects: interactions and synergism. <i>Health Physics</i> , 1990 , 59, 49-55	2.3	19
130	Mutagenesis and lethality following S phase irradiation of xeroderma pigmentosum and normal human diploid fibroblasts with ultraviolet light. <i>Carcinogenesis</i> , 1983 , 4, 1389-93	4.6	19
129	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	3.1	19
128	BIO-ASSAY FOR ANTIDIURETIC ACTIVITY IN BLOOD OF UNDISTURBED RATS. <i>Journal of Applied Physiology</i> , 1964 , 19, 179-86	3.7	19
127	Genotype-dependent radiosensitivity: clonogenic survival, apoptosis and cell-cycle redistribution. <i>International Journal of Radiation Biology</i> , 2008 , 84, 151-64	2.9	18
126	Recombinagenic activity of the phorbol ester 12-O-tetradecanoylphorbol-13-acetate in human lymphoblastoid cells. <i>Carcinogenesis</i> , 1995 , 16, 1717-22	4.6	18
125	Acute leukemia after radiotherapy in a patient with Turcot's syndrome. Impaired colony formation in skin fibroblast cultures after irradiation. <i>American Journal of Medicine</i> , 1983 , 74, 343-8	2.4	18
124	MECHANISMS OF HUMAN CELL NEOPLASTIC TRANSFORMATION: RELATIONSHIP OF SPECIFIC ABNORMAL CLONE FORMATION TO PROLONGED LIFESPAN IN X-IRRADIATED HUMAN DIPLOID FIBROBLASTS. <i>International Journal of Cancer</i> , 1985 , 36, 407-414	7.5	18
123	Malignant transformation by the DNA-protein crosslinking agent trans-Pt(II) diamminedichloride. <i>Carcinogenesis</i> , 1980 , 1, 989-94	4.6	18
122	Enhancement of Survival of X-Irradiated Mammalian Cells by the Uncoupler of Oxidative Phosphorylation, m-Chloro Carbonyl Cyanide Phenylhydrazone. <i>Radiation Research</i> , 1977 , 71, 571	3.1	18

121	Starvation for arginine and glutamine sensitizes human diploid cells to the transforming effects of N-acetoxy-2-acetylaminofluorene. <i>Carcinogenesis</i> , 1981 , 2, 1303-10	4.6	17
120	Letter: Oncogenic transformation in vitro after split-dose x-irradiation. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1976 , 29, 583-7		16
119	Life-cycle dependence of repair of potentially-lethal radiation damage. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1973 , 23, 401-7		16
118	A low-dose arsenic-induced p53 protein-mediated metabolic mechanism of radiotherapy protection. <i>Journal of Biological Chemistry</i> , 2014 , 289, 5340-7	5.4	15
117	Multiple manifestations of X-ray-induced genomic instability in Chinese hamster ovary (CHO) cells. <i>Molecular Carcinogenesis</i> , 2001 , 32, 118-27	5	15
116	Differing responses of Nijmegen breakage syndrome and ataxia telangiectasia cells to ionizing radiation. <i>Radiation Research</i> , 2002 , 158, 319-26	3.1	15
115	Sister-chromatid exchanges in lymphocytes from styrene-exposed boat builders. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1990 , 241, 215-21		14
114	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. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1988 , 8, 127-36		14
113	Repair of fractionated radiation in plateau phase cultures of human tumor cells and human multicellular tumor spheroids. <i>Radiotherapy and Oncology</i> , 1984 , 2, 41-7	5.3	14
112	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, 315-27	3.3	14
111	Inhibition of postreplication repair and the enhancement of induction of SV40 virus from transformed hamster kidney cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1978 , 51, 109-19	3.3	14
110	CIRCULATING ANTIDIURETIC HORMONE IN RATS: EFFECTS OF DIETARY ELECTROLYTES AND PROTEIN. <i>American Journal of Physiology</i> , 1964 , 207, 821-5		14
109	A functional interplay between p53 and p63 in promoting glycolytic metabolism to fuel cancer cell proliferation. <i>Oncogene</i> , 2018 , 37, 2150-2164	9.2	13
108	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, 483-94	3.1	13
107	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	3.3	13
106	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, 314-21	5	13
105	Familial retinoblastoma and ataxia telangiectasia: human models for the study of DNA damage and repair. <i>Cancer</i> , 1980 , 45, 775-9	6.4	13
104	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, 562-3		13

103	An EZH2-mediated epigenetic mechanism behind p53-dependent tissue sensitivity to DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3452-3457	11.5	12
102	Unexpected sensitivity to radiation of fibroblasts from unaffected parents of children with hereditary retinoblastoma. <i>International Journal of Cancer</i> , 2002 , 99, 764-8	7.5	12
101	Epidermal growth factor induces cytogenetic damage in mammalian cells. <i>Carcinogenesis</i> , 1987 , 8, 625-74.6		12
100	Effects of cigarette smoking and solvent exposure on sister chromatid exchange frequency in painters. <i>Environmental and Molecular Mutagenesis</i> , 1988 , 11, 389-99	3.2	12
99	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		12
98	Human epidermal growth factor receptor 4 (Her4) Suppresses p53 Protein via Targeting the MDMX-MDM2 Protein Complex: IMPLICATION OF A NOVEL MDMX SER-314 PHOSPHOSITE. <i>Journal of Biological Chemistry</i> , 2016 , 291, 25937-25949	5.4	11
97	G2-phase chromosomal radiosensitivity of primary fibroblasts from hereditary retinoblastoma family members and some apparently normal controls. <i>Radiation Research</i> , 2010 , 173, 62-70	3.1	11
96	Abnormal gene expression profiles in unaffected parents of patients with hereditary-type retinoblastoma. <i>Cancer Research</i> , 2006 , 66, 3428-33	10.1	11
95	Sister chromatid exchange in painters recently exposed to solvents. <i>Environmental Research</i> , 1989 , 50, 248-55	7.9	11
94	Genotoxic and mutagenic effects of the diagnostic use of thallium-201 in nuclear medicine. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1991 , 260, 239-46		11
93	Studies of mutagenesis and neoplastic transformation by bivalent metal ions and ionizing radiation. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1988 , 8, 287-92		11
92	Induction of Neoplastic Transformation by Low-Dose-Rate Exposure to Tritiated Water. <i>Radiation Research</i> , 1986 , 107, 225	3.1	11
91	Differential radiosensitivity phenotypes of DNA-PKcs mutations affecting NHEJ and HRR systems following irradiation with gamma-rays or very low fluences of alpha particles. <i>PLoS ONE</i> , 2014 , 9, e93579 ^{3.7}		10
90	X-ray induction of microsatellite instability at autosomal loci in human lymphoblastoid WTK1 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 478, 97-106	3.3	10
89	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	3.3	10
88	Application of denaturing gradient gel blots to detect p53 mutations in X-ray-transformed mouse C3H 10T1/2 clones. <i>Molecular Carcinogenesis</i> , 1993 , 7, 190-6	5	10
87	Efficient Mutation Induction by 125 I and 131 I Decays in DNA of Human Cells. <i>Radiation Research</i> , 1990 , 123, 68	3.1	10
86	Differing patterns of cytotoxicity of the phorbol ester 12-O-tetradecanoylphorbol 13-acetate in various human cell strains. <i>Carcinogenesis</i> , 1985 , 6, 1703-8	4.6	10

85	Fractionated radiation response of human cells in stationary and exponential phases of growth. <i>Radiology</i> , 1973 , 108, 423-8	20.5	10
84	Radio-induced modulation of transforming growth factor beta1 sensitivity in a p53 wild-type human colorectal-cancer cell line. <i>International Journal of Cancer</i> , 1996 , 68, 126-31	7.5	9
83	Rapid Recovery in Plateau-Phase Mammalian Cells. <i>Radiation Research</i> , 1979 , 80, 38	3.1	9
82	Response of plateau-phase mouse embryo fibroblasts to ultra-violet light. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1979 , 35, 101-10		9
81	Influence of confluent holding time on UV light mutagenesis in human diploid fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983 , 110, 401-12	3.3	9
80	Lack of Uncoupling of S Phase and Mitosis after Irradiation in p53 - Human Lymphoblast Cell Lines. <i>Radiation Research</i> , 1997 , 148, 129	3.1	8
79	Evidence for a role for genomic instability in radiation-induced mutagenesis. <i>Radiation Oncology Investigations</i> , 1997 , 5, 119-23		8
78	Modulation of clonogenicity, growth, and radiosensitivity of three human epidermoid tumor cell lines by a fibroblastic environment. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996 , 34, 1061-71	4	8
77	Effects of estradiol concentration on levels of nuclear estrogen receptors in MCF-7 breast tumor cells. <i>The Journal of Steroid Biochemistry</i> , 1984 , 20, 605-9		8
76	The influence of cellular proliferative history on the susceptibility to oncogenic transformation. <i>Journal of Cellular Physiology</i> , 1981 , 109, 317-22	7	8
75	UXT, a novel MDMX-binding protein, promotes glycolysis by mitigating p53-mediated restriction of NF- κ B activity. <i>Oncotarget</i> , 2015 , 6, 17584-93	3.3	8
74	ZBTB7A governs estrogen receptor alpha expression in breast cancer. <i>Journal of Molecular Cell Biology</i> , 2018 , 10, 273-284	6.3	7
73	Tumor response to radiotherapy is dependent on genotype-associated mechanisms in vitro and in vivo. <i>Radiation Oncology</i> , 2010 , 5, 71	4.2	7
72	Retinoic acid inhibits the fixation of initial transformational damage in X-irradiated Balb/3T3 mouse fibroblasts in vitro. <i>Carcinogenesis</i> , 1989 , 10, 2183-6	4.6	7
71	Characteristics of radiation-induced neoplastic transformation in vitro. <i>Leukemia Research</i> , 1986 , 10, 719-25	2.7	7
70	Effect of aliphatic amides on oncogenic transformation, sister chromatid exchanges, and mutations induced by cyclopenta[cd]-pyrene and benzo[a]pyrene. <i>Carcinogenesis</i> , 1986 , 7, 1647-50	4.6	7
69	Spontaneous transformation to anchorage-independent growth of a xeroderma pigmentosum fibroblast cell strain. <i>Journal of Investigative Dermatology</i> , 1987 , 88, 149-53	4.3	7
68	Functional interplay between p53 and β 33p53 in adaptive stress response. <i>Cell Death and Differentiation</i> , 2020 , 27, 1618-1632	12.7	7

67	Exogenous lactate interferes with cell-cycle control in Balb/3T3 mouse fibroblasts. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995 , 31, 525-8	4	6
66	Radiation sensitivity of fibroblast strains from patients with Usher β syndrome, Duchenne muscular dystrophy, and Huntington β disease. <i>Mutation Research - DNA Repair Reports</i> , 1987 , 184, 29-38		6
65	A Comparison of the Lethal Effects of Intracellular Radionuclides in Human and Rodent Cells. <i>Radiation Research</i> , 1983 , 95, 359	3.1	6
64	Investigation of the cytotoxic effects of DNA damaging agents on neurofibromatosis cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1985 , 142, 55-8		6
63	Establishment and characteristics of a hamster lung adenocarcinoma in vivo and in vitro. <i>Journal of the National Cancer Institute</i> , 1975 , 55, 865-72	9.7	6
62	Relative Survival of Hybrid X-Ray-Resistant, and Normally Sensitive Mammalian Cells Exposed to X Rays and Protons under Aerobic and Hypoxic Conditions. <i>Radiation Research</i> , 1978 , 73, 585	3.1	6
61	Autoradiography using dry mounted freeze-dried sections for localization of carcinogens in the lung. <i>Journal of Histochemistry and Cytochemistry</i> , 1974 , 22, 361-7	3.4	6
60	Coordination of the Ser2056 and Thr2609 Clusters of DNA-PKcs in Regulating Gamma Rays and Extremely Low Fluencies of Alpha-Particle Irradiation to G/G Phase Cells. <i>Radiation Research</i> , 2017 , 187, 259-267	3.1	5
59	Overexpression of p21 protein in radiation-transformed mouse 10T(1/2) cell clones. <i>Molecular Carcinogenesis</i> , 2000 , 27, 141-8	5	5
58	Effect of Restoration of Retinoblastoma Gene Function on the Radiosensitivity of Cells of Human Tumor Cell Lines. <i>Radiation Research</i> , 1994 , 140, 172	3.1	5
57	Mutagenic and chromosomal events in radiation transformation. <i>Biochimie</i> , 1985 , 67, 405-15	4.6	5
56	An in vitro investigation of genetic susceptibility to cancer in diploid fibroblasts from retinoblastoma patients. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1980 , 1, 171-9		5
55	Survival of hereditary retinoblastoma human skin fibroblasts after treatment with DNA-damaging chemicals. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982 , 105, 189-94		5
54	Letter: Gamma-irradiation of mammalian beating heart cells in vitro. Effects on cellular function. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1975 , 28, 99-102		5
53	Enhancement of Survival of Irradiated Plateau Phase Cells by Dinitrophenol: Effect of Dose-Rate and Cell Strain. <i>Radiation Research</i> , 1976 , 66, 90	3.1	5
52	Enhancement of radiation killing of cultured mammalian cells by cordycepin. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1978 , 34, 417-29		5
51	Sequentially-induced responses define tumour cell radiosensitivity. <i>International Journal of Radiation Biology</i> , 2011 , 87, 628-43	2.9	4
50	Molecular events in radiation transformation. <i>Radiation Research</i> , 2001 , 155, 215-221	3.1	4

49	Toxicity and mutual interactions of cadmium and zinc ions in normal and carcinogen-transformed mouse cells. <i>Cell Biology and Toxicology</i> , 1986 , 2, 1-8	7.4	4
48	Interrelationships among X-ray-induced anchorage independence, mutagenesis and chromosomal rearrangements in human diploid fibroblasts. <i>International Journal of Cancer</i> , 1987 , 40, 64-8	7.5	4
47	Influence of isopropylvaleramide and allylisopropylacetamide on transformation of C3H/10T1/2 cells induced by benzo[a]pyrene derivatives. <i>Carcinogenesis</i> , 1985 , 6, 7-11	4.6	4
46	Further studies on the survival of non-proliferating human diploid fibroblasts irradiated with ultraviolet light. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1982 , 41, 359-68		4
45	Dissociated occurrence of single-gene mutation and oncogenic transformation in C3H 10T1/2 cells exposed to ultraviolet light and caffeine. <i>Journal of Cellular Physiology</i> , 1982 , 111, 309-14	7	4
44	Effects of Ionizing Radiation on Mammalian Cells 1977 , 127-155		4
43	Systemic absorption of polonium-210 inhaled in cigarette smoke. <i>Archives of Environmental Health</i> , 1968 , 17, 693-6		4
42	MDMX under stress: the MDMX-MDM2 complex as stress signals hub. <i>Translational Cancer Research</i> , 2016 , 5, 725-732	0.3	4
41	BIOLOGICAL CONSEQUENCES OF X-RAY INDUCED DNA DAMAGE AND REPAIR PROCESSES IN RELATION TO CELL KILLING AND CARCINOGENESIS 1978 , 701-711		4
40	Transmission of damage signals from irradiated to nonirradiated cells. <i>International Congress Series</i> , 2002 , 1236, 229-235		3
39	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, 237-42		3
38	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		3
37	Actinomycin D suppresses radiation transformation in vitro. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1980 , 38, 465-8		3
36	Effects of serum-free defined medium on MCF-7 cell nuclear estrogen-receptor levels. <i>Molecular and Cellular Endocrinology</i> , 1982 , 28, 91-98	4.4	3
35	Characterization of Rapid Recovery from IRay Damage in Plateau-Phase Human Diploid Fibroblasts. <i>Radiation Research</i> , 1982 , 89, 274	3.1	3
34	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, 409-11	3.6	3
33	Deposition and Localization of Polonium-210 Intratracheally Instilled in the Hamster Lung as Determined by Autoradiography of Freeze-Dried Sections. <i>Radiation Research</i> , 1977 , 69, 553	3.1	3
32	Morphologic and histochemical characteristics of cell lines derived from hamster peripheral lung tumors. <i>European Journal of Cancer</i> , 1977 , 13, 1341-50		3

31	Response : Polonium-210 in Cigarette Smokers. <i>Science</i> , 1964 , 146, 87-87	33.3	3
30	MDMX phosphorylation-dependent p53 downregulation contributes to an immunosuppressive tumor microenvironment. <i>Journal of Molecular Cell Biology</i> , 2020 , 12, 713-722	6.3	3
29	Cell cycle deregulation and xeroderma pigmentosum group C cell transformation. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 1350-4	4.3	2
28	RFLP mapping of thymidine kinase mutants places D17S4 proximal to the human TK1 locus. <i>Nucleic Acids Research</i> , 1991 , 19, 3748	20.1	2
27	Recovery of mitomycin C-treated mouse 10T1/2 cells during confluent holding. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988 , 198, 153-60	3.3	2
26	Studies of ionizing radiation as a promoter of neoplastic transformation in vitro. <i>International Journal of Radiation Biology</i> , 1988 , 53, 661-6	2.9	2
25	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, 183-6		2
24	Histochemistry of normal lungs and 210Po induced pulmonary tumors in hamsters. <i>Acta Histochemica</i> , 1977 , 58, 353-9	2	2
23	Relative responses of an X-ray-resistant hybrid cell-line and its parent line to X-irradiation, ultraviolet light, actinomycin D and cordycepin. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1977 , 31, 529-39		2
22	Circulating Antidiuretic Hormone in the X-Irradiated Rat. <i>Radiation Research</i> , 1968 , 36, 441	3.1	2
21	Interactions between Radiation and Benzo(a)pyrene in an in vitro Model for Malignant Transformation 1974 , 497-506		2
20	Oncogenic Cell Transformation in Vitro. <i>Advances in Radiation Biology</i> , 1992 , 137-158		2
19	X-RAY SENSITIVITY OF FIBROBLASTS FROM PATIENTS WITH RETINOBLASTOMA AND WITH ABNORMALITIES OF CHROMOSOME 13 1978 , 685-690		2
18	Repair of DNA strand breaks in progeric fibroblasts and aging human diploid cells. <i>Basic Life Sciences</i> , 1975 , 5B, 793-800		2
17	Characteristics and mechanisms of the bystander response in monolayer cell cultures exposed to very low fluences of alpha particles. <i>Radiation Physics and Chemistry</i> , 2005 , 72, 307-313	2.5	1
16	SV40LT highly mutates and immortalizes two fibroblast strains from patients with WilmsRtumor. <i>Cell Structure and Function</i> , 1999 , 24, 35-41	2.2	1
15	THE EFFECT OF DNA DAMAGE ON THE INDUCTION OF SIMIAN VIRUS 40 (SV40) IN TRANSFORMED HAMSTER CELLS 1978 , 567-571		1
14	Cellular Localization of Intratracheally Administered 210PO in the Hamster Lung Using Autoradiography of Thin Sections from Plastic Embedded Tissue 1974 , 475-484		1

- 13 Strategies for the Prevention of Treatment-Induced Secondary Cancer **1991**, 39-45 1
- 12 The MDM2/MDMX/p53 axis in the adaptive stress response.. *Translational Cancer Research*, **2020**, 9, 1993-1997 3.3
- 11 Serendipity and chance in one's life and scientific career. *Cancer Biology and Therapy*, **2007**, 6, 295-300 4.6
- 10 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, 887-94 3.4
- 9 Response to the Letter by Colin Seymour and Carmel Mothersill. *Radiation Research*, **1999**, 151, 505-506 3.1
- 8 Role of tumor suppressor genes in determining radiation-induced G1 arrest and transformation in human cells. *Radiation Oncology Investigations*, **1995**, 3, 268-271
- 7 Normal repair of ultraviolet-induced DNA damage in a hypersensitive strain of fibroblasts from a patient with Gardner's syndrome. *Mutation Research - DNA Repair Reports*, **1983**, 112, 383-95
- 6 Selective Protection of Cultured Human Cells from the Toxic Effects of Ultraviolet Light by Proflavine Pretreatment. *Radiation Research*, **1977**, 72, 154 3.1
- 5 Radiation Therapy for Cancer of the Nasopharynx. *Archives of Otolaryngology*, **1963**, 77, 67
- 4 Role of Energy Distribution in DNA on the Mutagenic Effects of Internal Emitters **1991**, 201-210
- 3 ONCOGENE ACTIVATION DURING RADIATION TRANSFORMATION IN VITRO **1992**, 380-385
- 2 Experimental Respiratory Carcinogenesis: Interaction between Alpha Radiation and Benzo (a) pyrene in the Hamster **1974**, 485-491
- 1 DNA REPAIR IN CULTURED MAMMALIAN CELLS **1977**, 197-224