

Alexandros G Georgakilas

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

12,038
citations

38742

50
h-index

30087

103
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173
all docs

173
docs citations

173
times ranked

18934
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal evolution and adaptation of SARS-CoV-2 codon usage. <i>Frontiers in Bioscience</i> , 2022, 27, 1.	2.1	5
2	The Role of Ionizing Radiation for Diagnosis and Treatment against COVID-19: Evidence and Considerations. <i>Cells</i> , 2022, 11, 467.	4.1	5
3	Key biological mechanisms involved in high-LET radiation therapies with a focus on DNA damage and repair. <i>Expert Reviews in Molecular Medicine</i> , 2022, 24, e15.	3.9	21
4	Non-Targeted Effects of Synchrotron Radiation: Lessons from Experiments at the Australian and European Synchrotrons. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2079.	2.5	1
5	Immunogenic Cell Death, DAMPs and Prothymosin $\hat{\pm}$ as a Putative Anticancer Immune Response Biomarker. <i>Cells</i> , 2022, 11, 1415.	4.1	34
6	Ginger for Healthy Ageing: A Systematic Review on Current Evidence of Its Antioxidant, Anti-Inflammatory, and Anticancer Properties. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	19
7	Estimation of Cosmic-Ray-Induced Atmospheric Ionization and Radiation at Commercial Aviation Flight Altitudes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5297.	2.5	9
8	Role of DNA Damage and Repair in Detrimental Effects of Ionizing Radiation. <i>Radiation</i> , 2021, 1, 1-4.	1.4	2
9	Ionizing radiation-induced circulatory and metabolic diseases. <i>Environment International</i> , 2021, 146, 106235.	10.0	69
10	Low dose ionizing radiation effects on the immune system. <i>Environment International</i> , 2021, 149, 106212.	10.0	89
11	A Mathematical Radiobiological Model (MRM) to Predict Complex DNA Damage and Cell Survival for Ionizing Particle Radiations of Varying Quality. <i>Molecules</i> , 2021, 26, 840.	3.8	9
12	A Meta-Analysis of the Effects of High-LET Ionizing Radiations in Human Gene Expression. <i>Life</i> , 2021, 11, 115.	2.4	8
13	A Guide for Using Transmission Electron Microscopy for Studying the Radiosensitizing Effects of Gold Nanoparticles In Vitro. <i>Nanomaterials</i> , 2021, 11, 859.	4.1	18
14	Using Machine Learning Techniques for Asserting Cellular Damage Induced by High-LET Particle Radiation. <i>Radiation</i> , 2021, 1, 45-64.	1.4	3
15	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1285-1298.	6.3	156
16	Cockayne Syndrome Group B (CSB): The Regulatory Framework Governing the Multifunctional Protein and Its Plausible Role in Cancer. <i>Cells</i> , 2021, 10, 866.	4.1	9
17	Investigating Molecular Determinants of Cancer Cell Resistance to Ionizing Radiation Through an Integrative Bioinformatics Approach. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 620248.	3.7	9
18	Microdosimetric investigation of the radiation quality of low-medium energy electrons using Geant4-DNA. <i>Applied Radiation and Isotopes</i> , 2021, 172, 109654.	1.5	17

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19	Requirements for Designing an Effective Metallic Nanoparticle (NP)-Boosted Radiation Therapy (RT). Cancers, 2021, 13, 3185.	3.7	22
20	The Use of Genotoxicity Endpoints as Biomarkers of Low Dose Radiation Exposure in Interventional Cardiology. Frontiers in Public Health, 2021, 9, 701878.	2.7	1
21	Mining Natural Products with Anticancer Biological Activity through a Systems Biology Approach. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	8
22	Construction and evaluation of an α -particle-irradiation exposure apparatus. International Journal of Radiation Biology, 2021, 97, 1404-1416.	1.8	4
23	Monte Carlo Simulation-Based Calculations of Complex DNA Damage for Incidents of Environmental Ionizing Radiation Exposure. Applied Sciences (Switzerland), 2021, 11, 8985.	2.5	6
24	Nodal tumor volume as a prognostic factor for head and neck squamous cell carcinoma: a systematic review. Frontiers in Bioscience, 2021, 26, 235.	2.1	2
25	Inflammation and oxidatively induced DNA damage: A synergy leading to cancer development. , 2021, , 131-147.		1
26	Bioinformatic approaches to the investigation of the atavistic genes implicated in cancer. Frontiers in Bioscience, 2021, 26, 279.	2.1	6
27	In Silico Investigation of the Biological Implications of Complex DNA Damage with Emphasis in Cancer Radiotherapy through a Systems Biology Approach. Molecules, 2021, 26, 7602.	3.8	2
28	Interphase Cytogenetic Analysis of G0 Lymphocytes Exposed to α -Particles, C-Ions, and Protons Reveals their Enhanced Effectiveness for Localized Chromosome Shattering—A Critical Risk for Chromothripsis. Cancers, 2020, 12, 2336.	3.7	7
29	In Situ Detection of Complex DNA Damage Using Microscopy: A Rough Road Ahead. Cancers, 2020, 12, 3288.	3.7	12
30	Entropic Ranks: A Methodology for Enhanced, Threshold-Free, Information-Rich Data Partition and Interpretation. Applied Sciences (Switzerland), 2020, 10, 7077.	2.5	0
31	Codon Usage and Phenotypic Divergences of SARS-CoV-2 Genes. Viruses, 2020, 12, 498.	3.3	73
32	Low-dose radiation therapy for COVID-19 pneumopathy: what is the evidence?. Strahlentherapie Und Onkologie, 2020, 196, 679-682.	2.0	39
33	Codon usage bias in radioresistant bacteria. Gene, 2020, 742, 144554.	2.2	12
34	Effects of High-Dose Ionizing Radiation in Human Gene Expression: A Meta-Analysis. International Journal of Molecular Sciences, 2020, 21, 1938.	4.1	8
35	Combined radiation strategies for novel and enhanced cancer treatment. International Journal of Radiation Biology, 2020, 96, 1087-1103.	1.8	22
36	Microdosimetric calculations of the direct DNA damage induced by low energy electrons using the Geant4-DNA Monte Carlo code. Physics in Medicine and Biology, 2020, 65, 045007.	3.0	24

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37	Ionizing Radiation and Complex DNA Damage: Quantifying the Radiobiological Damage Using Monte Carlo Simulations. <i>Cancers</i> , 2020, 12, 799.	3.7	57
38	Senescence and senotherapeutics: a new field in cancer therapy. , 2019, 193, 31-49.		116
39	<i>In Silico</i> Phylogenetic and Structural Analyses of Plant Endogenous Danger Signaling Molecules upon Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	8
40	Interphase Cytogenetic Analysis of Micronucleated and Multinucleated Cells Supports the Premature Chromosome Condensation Hypothesis as the Mechanistic Origin of Chromothripsis. <i>Cancers</i> , 2019, 11, 1123.	3.7	17
41	Ionizing Radiation and Complex DNA Damage: From Prediction to Detection Challenges and Biological Significance. <i>Cancers</i> , 2019, 11, 1789.	3.7	102
42	Prediction of Gold Nanoparticle and Microwave-Induced Hyperthermia Effects on Tumor Control via a Simulation Approach. <i>Nanomaterials</i> , 2019, 9, 167.	4.1	18
43	HOTAIR as a Prognostic Predictor for Diverse Human Cancers: A Meta- and Bioinformatics Analysis. <i>Cancers</i> , 2019, 11, 778.	3.7	18
44	Systemic effects of synchrotron radiation. <i>Journal of Physics: Conference Series</i> , 2019, 1154, 012028.	0.4	0
45	A Functional Immune System Is Required for the Systemic Genotoxic Effects of Localized Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 1184-1193.	0.8	19
46	A Bioinformatic Approach for the Identification of Molecular Determinants of Resistance/Sensitivity to Cancer Thermotherapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	7
47	Effect of 5-trans Isomer of Arachidonic Acid on Model Liposomal Membranes Studied by a Combined Simulation and Experimental Approach. <i>Journal of Membrane Biology</i> , 2018, 251, 475-489.	2.1	4
48	Integrating plant and animal biology for the search of novel DNA damage biomarkers. <i>Mutation Research - Reviews in Mutation Research</i> , 2018, 775, 21-38.	5.5	30
49	Targeted and Off-Target (Bystander and Abscopal) Effects of Radiation Therapy: Redox Mechanisms and Risk/Benefit Analysis. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1447-1487.	5.4	104
50	Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. <i>Genome Biology</i> , 2018, 19, 37.	8.8	60
51	Hippocampal lipidome and transcriptome profile alterations triggered by acute exposure of mice to GSM 1800 MHz mobile phone radiation: An exploratory study. <i>Brain and Behavior</i> , 2018, 8, e01001.	2.2	26
52	The challenge of drug resistance in cancer treatment: a current overview. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 309-318.	3.3	354
53	Abstract 4573: Localized synchrotron radiation in mice induces persistent systemic genotoxic events mediated by the functional immune system. <i>Cancer Research</i> , 2018, 78, 4573-4573.	0.9	4
54	p21: A Two-Faced Genome Guardian. <i>Trends in Molecular Medicine</i> , 2017, 23, 310-319.	6.7	387

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55	Molecular determinants of radiosensitivity in normal and tumor tissue: A bioinformatic approach. Cancer Letters, 2017, 403, 37-47.	7.2	41
56	Gold nanoparticles, radiations and the immune system: Current insights into the physical mechanisms and the biological interactions of this new alliance towards cancer therapy. , 2017, 178, 1-17.		59
57	A parallelized GPU-based simulating annealing algorithm for intensity modulated radiation therapy optimization. , 2017, , .		0
58	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. Cancer Research, 2017, 77, 6389-6399.	0.9	29
59	A parallelized GPU-based simulating annealing algorithm for intensity modulated radiation therapy optimization. , 2017, , .		0
60	Recent Advances in Cancer Therapy Based on Dual Mode Gold Nanoparticles. Cancers, 2017, 9, 173.	3.7	70
61	Complex DNA Damage: A Route to Radiation-Induced Genomic Instability and Carcinogenesis. Cancers, 2017, 9, 91.	3.7	115
62	Bridging Plant and Human Radiation Response and DNA Repair through an In Silico Approach. Cancers, 2017, 9, 65.	3.7	13
63	Integrative Bioinformatic Analysis of Transcriptomic Data Identifies Conserved Molecular Pathways Underlying Ionizing Radiation-Induced Bystander Effects (RIBE). Cancers, 2017, 9, 160.	3.7	5
64	Applying Broadband Dielectric Spectroscopy (BDS) for the Biophysical Characterization of Mammalian Tissues under a Variety of Cellular Stresses. International Journal of Molecular Sciences, 2017, 18, 838.	4.1	4
65	Editorial: DNA Damage and Inflammation under Stress. Frontiers in Genetics, 2017, 8, 152.	2.3	4
66	High predictive values of RBC membrane-based diagnostics by biophotonics in an integrated approach for Autism Spectrum Disorders. Scientific Reports, 2017, 7, 9854.	3.3	28
67	Preface on application of omics technologies in cancer biology and therapy. Cancer Letters, 2016, 382, A1.	7.2	0
68	Measurement of complex DNA damage induction and repair in human cellular systems after exposure to ionizing radiations of varying linear energy transfer (LET). Free Radical Research, 2016, 50, S64-S78.	3.3	95
69	Repair Rate of Clustered Abasic DNA Lesions by Human Endonuclease: Molecular Bases of Sequence Specificity. Journal of Physical Chemistry Letters, 2016, 7, 3760-3765.	4.6	30
70	Correlation of bistranded clustered abasic DNA lesion processing with structural and dynamic DNA helix distortion. Nucleic Acids Research, 2016, 44, 8588-8599.	14.5	37
71	Non-DSB clustered DNA lesions. Does theory colocalize with the experiment?. Radiation Physics and Chemistry, 2016, 128, 26-35.	2.8	27
72	Determinants of resistance to chemotherapy and ionizing radiation in breast cancer stem cells. Cancer Letters, 2016, 380, 485-493.	7.2	70

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73	Systemic dna damage: Mechanisms, effects and mitigation strategies. Seminars in Cancer Biology, 2016, 37-38, 1-2.	9.6	2
74	Systemic mechanisms and effects of ionizing radiation: A new paradigm of how the bystanders and distant can become the players. Seminars in Cancer Biology, 2016, 37-38, 77-95.	9.6	96
75	Unraveling the mechanisms of extreme radioresistance in prokaryotes: Lessons from nature. Mutation Research - Reviews in Mutation Research, 2016, 767, 92-107.	5.5	42
76	Key mechanisms involved in ionizing radiation-induced systemic effects. A current review. Toxicology Research, 2016, 5, 12-33.	2.1	71
77	Broad targeting of angiogenesis for cancer prevention and therapy. Seminars in Cancer Biology, 2015, 35, S224-S243.	9.6	375
78	Evasion of anti-growth signaling: A key step in tumorigenesis and potential target for treatment and prophylaxis by natural compounds. Seminars in Cancer Biology, 2015, 35, S55-S77.	9.6	95
79	Stress-induced DNA damage biomarkers: applications and limitations. Frontiers in Chemistry, 2015, 3, 35.	3.6	149
80	Role of the immune system and inflammation in ionizing radiation effects. Cancer Letters, 2015, 368, 154-155.	7.2	12
81	The DNA damage response and immune signaling alliance: Is it good or bad? Nature decides when and where. , 2015, 154, 36-56.		128
82	Broad targeting of resistance to apoptosis in cancer. Seminars in Cancer Biology, 2015, 35, S78-S103.	9.6	535
83	Emerging molecular networks common in ionizing radiation, immune and inflammatory responses by employing bioinformatics approaches. Cancer Letters, 2015, 368, 164-172.	7.2	60
84	Cancer prevention and therapy through the modulation of the tumor microenvironment. Seminars in Cancer Biology, 2015, 35, S199-S223.	9.6	285
85	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. Seminars in Cancer Biology, 2015, 35, S25-S54.	9.6	468
86	Therapeutic targeting of replicative immortality. Seminars in Cancer Biology, 2015, 35, S104-S128.	9.6	49
87	A multi-targeted approach to suppress tumor-promoting inflammation. Seminars in Cancer Biology, 2015, 35, S151-S184.	9.6	95
88	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. Seminars in Cancer Biology, 2015, 35, S185-S198.	9.6	1,122
89	Tissue invasion and metastasis: Molecular, biological and clinical perspectives. Seminars in Cancer Biology, 2015, 35, S244-S275.	9.6	408
90	Dysregulated metabolism contributes to oncogenesis. Seminars in Cancer Biology, 2015, 35, S129-S150.	9.6	225

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91	Oxidative Stress and DNA Damage Association with Carcinogenesis: A Truth or a Myth?. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 103-129.	0.4	0
92	Molecular inhibitors of DNA repair: searching for the ultimate tumor killing weapon. Future Medicinal Chemistry, 2015, 7, 1543-1558.	2.3	14
93	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	9.6	220
94	Non-targeted radiation effects in vivo: A critical glance of the future in radiobiology. Cancer Letters, 2015, 356, 34-42.	7.2	57
95	Oxidative DNA damage caused by inflammation may link to stress-induced non-targeted effects. Cancer Letters, 2015, 356, 72-81.	7.2	56
96	Bystander and non-targeted effects: A unifying model from ionizing radiation to cancer. Cancer Letters, 2015, 356, 3-4.	7.2	10
97	The role of oxidative DNA damage in radiation induced bystander effect. Cancer Letters, 2015, 356, 43-51.	7.2	96
98	Epigenetic therapy as a novel approach in hepatocellular carcinoma. , 2015, 145, 103-119.		59
99	MicroRNAs Determining Inflammation as Novel Biomarkers and Potential Therapeutic Targets. Current Medicinal Chemistry, 2015, 22, 2666-2679.	2.4	9
100	Are common fragile sites merely structural domains or highly organized "functional" units susceptible to oncogenic stress?. Cellular and Molecular Life Sciences, 2014, 71, 4519-4544.	5.4	52
101	Epigenetic inactivation of DNA repair in breast cancer. Cancer Letters, 2014, 342, 213-222.	7.2	27
102	Systemic DNA damage accumulation under in vivo tumor growth can be inhibited by the antioxidant Tempol. Cancer Letters, 2014, 353, 248-257.	7.2	24
103	Inflammation and Oxidative DNA Damage. , 2014, , 63-74.		2
104	Toxicity and adverse effects of Tamoxifen and other anti-estrogen drugs. , 2013, 139, 392-404.		127
105	Tetramethylpyrazine (TMP) protects cerebral neurocytes and inhibits glioma by down regulating chemokine receptor CXCR4 expression. Cancer Letters, 2013, 336, 281-289.	7.2	48
106	Induction and Repair of Clustered DNA Lesions: What Do We Know So Far?. Radiation Research, 2013, 180, 100-109.	1.5	239
107	The Interplay Between Inflammation and Oxidative Stress in Carcinogenesis. Current Molecular Medicine, 2012, 12, 672-680.	1.3	41
108	Oxidative Stress Based-Biomarkers in Oral Carcinogenesis: How Far Have We Gone?. Current Molecular Medicine, 2012, 12, 698-703.	1.3	9

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109	Editorial (Hot Topic: Biomarkers of Oxidative Stress and Cancer: From Chemistry, Biology to Clinical) Tj ETQq1 1 0.784314 rgBT /Over 1.3		
110	Molecular markers for cancer prognosis and treatment: Have we struck gold?. Cancer Letters, 2012, 327, 142-152.	7.2	33
111	Pleiotrophic effects of natural products in ROS-induced carcinogenesis: The role of plant-derived natural products in oral cancer chemoprevention. Cancer Letters, 2012, 327, 16-25.	7.2	49
112	Featuring the Special Issue Editor: Associate Professor Alexandros G. Georgakilas. Cancer Letters, 2012, 327, 1-2.	7.2	0
113	Oxidative stress, DNA damage and repair in carcinogenesis: Have we established a connection?. Cancer Letters, 2012, 327, 3-4.	7.2	29
114	Targeting DNA damage and repair: Embracing the pharmacological era for successful cancer therapy. , 2012, 133, 334-350.		86
115	Effects of Radiation Quality and Oxygen on Clustered DNA Lesions and Cell Death. Radiation Research, 2011, 176, 587-602.	1.5	171
116	Hypothermia postpones DNA damage repair in irradiated cells and protects against cell killing. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 711, 142-149.	1.0	23
117	Role of oxidative stress and DNA damage in human carcinogenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 711, 193-201.	1.0	732
118	From chemistry of DNA damage to repair and biological significance. Comprehending the future. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 711, 1-2.	1.0	16
119	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. Journal of Cell Biology, 2011, 195, 1123-1140.	5.2	86
120	Systemic DNA Damage Related to Cancer. Cancer Research, 2011, 71, 3437-3441.	0.9	46
121	Detection of clustered DNA lesions: Biological and clinical applications. World Journal of Biological Chemistry, 2011, 2, 173.	4.3	18
122	Nanotechnology in Cancer Therapy: Targeting the Inhibition of Key DNA Repair Pathways. Current Molecular Medicine, 2010, 10, 626-639.	1.3	17
123	Viral-induced human carcinogenesis: an oxidative stress perspective. Molecular BioSystems, 2010, 6, 1162.	2.9	40
124	BRCA1 role in the mitigation of radiotoxicity and chromosomal instability through repair of clustered DNA lesions. Chemico-Biological Interactions, 2010, 188, 350-358.	4.0	39
125	The role of epigenetics in environmental and occupational carcinogenesis. Chemico-Biological Interactions, 2010, 188, 340-349.	4.0	53
126	The role of reactive oxygen species and oxidative stress in environmental carcinogenesis and biomarker development. Chemico-Biological Interactions, 2010, 188, 334-339.	4.0	227

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127	DNA-PKcs deficiency leads to persistence of oxidatively induced clustered DNA lesions in human tumor cells. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1435-1443.	2.9	65
128	Duodenal carcinoma at the ligament of Treitz. A molecular and clinical perspective. <i>BMC Gastroenterology</i> , 2010, 10, 109.	2.0	11
129	Tumors induce complex DNA damage in distant proliferative tissues in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17992-17997.	7.1	133
130	Measurement of Oxidatively Induced Clustered DNA Lesions Using a Novel Adaptation of Single Cell Gel Electrophoresis (Comet Assay). <i>Current Protocols in Cell Biology</i> , 2010, 49, Unit 6.11..	2.3	16
131	Role of oxidatively induced DNA lesions in human pathogenesis. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 704, 152-159.	5.5	287
132	Abstract 2287: Tumors induce complex DNA damage in distant proliferative tissues in vivo. , 2010, , .		3
133	Accumulation of oxidatively induced clustered DNA lesions in human tumor tissues. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 131-136.	1.7	72
134	Compromised repair of clustered DNA damage in the human acute lymphoblastic leukemia MSH2-deficient NALM-6 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 123-130.	1.7	39
135	BRCA1 involvement in toxicological responses and human cancer etiology. <i>Toxicology Letters</i> , 2009, 188, 77-83.	0.8	15
136	Induction and processing of complex DNA damage in human breast cancer cells MCF-7 and nonmalignant MCF-10A cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 558-569.	2.9	57
137	Processing of DNA damage clusters in human cells: current status of knowledge. <i>Molecular BioSystems</i> , 2008, 4, 30-35.	2.9	110
138	Oxidative stress, DNA methylation and carcinogenesis. <i>Cancer Letters</i> , 2008, 266, 6-11.	7.2	530
139	Processing of clustered DNA damage in human breast cancer cells MCF-7 with partial DNA-PKcs deficiency. <i>Cancer Letters</i> , 2008, 269, 174-183.	7.2	29
140	Formation of Clustered DNA Damage after High-LET Irradiation: A Review. <i>Journal of Radiation Research</i> , 2008, 49, 203-210.	1.6	385
141	Induction and Processing of Oxidative Clustered DNA Lesions in ^{56}Fe -Ion-Irradiated Human Monocytes. <i>Radiation Research</i> , 2007, 168, 87-97.	1.5	55
142	Identification and Biological Evaluation of a Novel and Potent Small Molecule Radiation Sensitizer via an Unbiased Screen of a Chemical Library. <i>Cancer Research</i> , 2007, 67, 8791-8799.	0.9	64
143	Detection of Complex DNA Damage in ^{60}Co -Irradiated Acute Lymphoblastic Leukemia Pre-B NALM-6 Cells. <i>Radiation Research</i> , 2007, 168, 527-534.	1.5	32
144	Detection of Oxidative Clustered DNA Lesions in X-Irradiated Mouse Skin Tissues and Human MCF-7 Breast Cancer Cells. <i>Radiation Research</i> , 2007, 167, 207-216.	1.5	71

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145	Processing of bistranded abasic DNA clusters in γ -irradiated human hematopoietic cells. Nucleic Acids Research, 2004, 32, 5609-5620.	14.5	127
146	Quantifying clustered DNA damage induction and repair by gel electrophoresis, electronic imaging and number average length analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 531, 93-107.	1.0	74
147	Evaluation of Number Average Length Analysis in Quantifying Double Strand Breaks in Genomic DNAs. Biochemistry, 2003, 42, 3375-3384.	2.5	23
148	High efficiency detection of bi-stranded abasic clusters in gamma-irradiated DNA by putrescine. Nucleic Acids Research, 2002, 30, 2800-2808.	14.5	62
149	Detecting radiation-induced DNA damage: from changes in dielectric properties to programmed cell death. Journal of Non-Crystalline Solids, 2002, 305, 295-302.	3.1	11
150	Dielectric and UV spectrophotometric study of physicochemical effects of ionizing radiation on mammalian macromolecular DNA. IEEE Transactions on Dielectrics and Electrical Insulation, 2001, 8, 549-554.	2.9	8
151	Alpha-Particle-Induced Changes in the Stability and Size of DNA. Radiation Research, 2000, 153, 258-262.	1.5	16
152	Effects of radical scavengers on radiation-induced DNA double strand breaks. International Journal of Radiation Biology, 2000, 76, 51-59.	1.8	15
153	Low doses of γ - and β -radiation enhance DNA thermal stability. Biophysical Chemistry, 1999, 80, 103-118.	2.8	2
154	γ - and β -irradiation of aqueous DNA solutions. Radiation Measurements, 1998, 29, 611-617.	1.4	12
155	Effects of Gamma Rays on the Stability and Size of DNA. Radiation Research, 1998, 150, 488.	1.5	12
156	Dielectric study of the double helix to single coil transition of DNA. IEEE Transactions on Dielectrics and Electrical Insulation, 1998, 5, 26-32.	2.9	15
157	FLEXIBILITY AND THERMAL DENATURATION (MELTING) OF IRRADIATED DNA. Journal of Biological Systems, 1996, 04, 405-423.	1.4	8
158	Thermally stimulated electric changes during the helix to coil transition of irradiated DNA. , 0, , .		2
159	Breast Cancer- It's All in the DNA. , 0, , .		0