

# Alexandros G Georgakilas

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

12,038  
citations

38660

50  
h-index

30010

103  
g-index

173  
all docs

173  
docs citations

173  
times ranked

18934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. <i>Seminars in Cancer Biology</i> , 2015, 35, S185-S198.	4.3	1,122
2	Role of oxidative stress and DNA damage in human carcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 193-201.	0.4	732
3	Broad targeting of resistance to apoptosis in cancer. <i>Seminars in Cancer Biology</i> , 2015, 35, S78-S103.	4.3	535
4	Oxidative stress, DNA methylation and carcinogenesis. <i>Cancer Letters</i> , 2008, 266, 6-11.	3.2	530
5	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. <i>Seminars in Cancer Biology</i> , 2015, 35, S25-S54.	4.3	468
6	Tissue invasion and metastasis: Molecular, biological and clinical perspectives. <i>Seminars in Cancer Biology</i> , 2015, 35, S244-S275.	4.3	408
7	p21: A Two-Faced Genome Guardian. <i>Trends in Molecular Medicine</i> , 2017, 23, 310-319.	3.5	387
8	Formation of Clustered DNA Damage after High-LET Irradiation: A Review. <i>Journal of Radiation Research</i> , 2008, 49, 203-210.	0.8	385
9	Broad targeting of angiogenesis for cancer prevention and therapy. <i>Seminars in Cancer Biology</i> , 2015, 35, S224-S243.	4.3	375
10	The challenge of drug resistance in cancer treatment: a current overview. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 309-318.	1.7	354
11	Role of oxidatively induced DNA lesions in human pathogenesis. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 704, 152-159.	2.4	287
12	Cancer prevention and therapy through the modulation of the tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2015, 35, S199-S223.	4.3	285
13	Induction and Repair of Clustered DNA Lesions: What Do We Know So Far?. <i>Radiation Research</i> , 2013, 180, 100-109.	0.7	239
14	The role of reactive oxygen species and oxidative stress in environmental carcinogenesis and biomarker development. <i>Chemico-Biological Interactions</i> , 2010, 188, 334-339.	1.7	227
15	Dysregulated metabolism contributes to oncogenesis. <i>Seminars in Cancer Biology</i> , 2015, 35, S129-S150.	4.3	225
16	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	4.3	220
17	Effects of Radiation Quality and Oxygen on Clustered DNA Lesions and Cell Death. <i>Radiation Research</i> , 2011, 176, 587-602.	0.7	171
18	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1285-1298.	3.0	156

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19	Stress-induced DNA damage biomarkers: applications and limitations. <i>Frontiers in Chemistry</i> , 2015, 3, 35.	1.8	149
20	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.	3.3	133
21	The DNA damage response and immune signaling alliance: Is it good or bad? Nature decides when and where. , 2015, 154, 36-56.		128
22	Processing of bistranded abasic DNA clusters in $\gamma$ -irradiated human hematopoietic cells. <i>Nucleic Acids Research</i> , 2004, 32, 5609-5620.	6.5	127
23	Toxicity and adverse effects of Tamoxifen and other anti-estrogen drugs. , 2013, 139, 392-404.		127
24	Senescence and senotherapeutics: a new field in cancer therapy. , 2019, 193, 31-49.		116
25	Complex DNA Damage: A Route to Radiation-Induced Genomic Instability and Carcinogenesis. <i>Cancers</i> , 2017, 9, 91.	1.7	115
26	Processing of DNA damage clusters in human cells: current status of knowledge. <i>Molecular BioSystems</i> , 2008, 4, 30-35.	2.9	110
27	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.	2.5	104
28	Ionizing Radiation and Complex DNA Damage: From Prediction to Detection Challenges and Biological Significance. <i>Cancers</i> , 2019, 11, 1789.	1.7	102
29	The role of oxidative DNA damage in radiation induced bystander effect. <i>Cancer Letters</i> , 2015, 356, 43-51.	3.2	96
30	Systemic mechanisms and effects of ionizing radiation: A new paradigm of how the bystanders and distant can become the players. <i>Seminars in Cancer Biology</i> , 2016, 37-38, 77-95.	4.3	96
31	Evasion of anti-growth signaling: A key step in tumorigenesis and potential target for treatment and prophylaxis by natural compounds. <i>Seminars in Cancer Biology</i> , 2015, 35, S55-S77.	4.3	95
32	A multi-targeted approach to suppress tumor-promoting inflammation. <i>Seminars in Cancer Biology</i> , 2015, 35, S151-S184.	4.3	95
33	Measurement of complex DNA damage induction and repair in human cellular systems after exposure to ionizing radiations of varying linear energy transfer (LET). <i>Free Radical Research</i> , 2016, 50, S64-S78.	1.5	95
34	Low dose ionizing radiation effects on the immune system. <i>Environment International</i> , 2021, 149, 106212.	4.8	89
35	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. <i>Journal of Cell Biology</i> , 2011, 195, 1123-1140.	2.3	86
36	Targeting DNA damage and repair: Embracing the pharmacological era for successful cancer therapy. , 2012, 133, 334-350.		86

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37	Quantifying clustered DNA damage induction and repair by gel electrophoresis, electronic imaging and number average length analysis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 531, 93-107.	0.4	74
38	Codon Usage and Phenotypic Divergences of SARS-CoV-2 Genes. <i>Viruses</i> , 2020, 12, 498.	1.5	73
39	Accumulation of oxidatively induced clustered DNA lesions in human tumor tissues. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 131-136.	0.9	72
40	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.	0.7	71
41	Key mechanisms involved in ionizing radiation-induced systemic effects. A current review. <i>Toxicology Research</i> , 2016, 5, 12-33.	0.9	71
42	Determinants of resistance to chemotherapy and ionizing radiation in breast cancer stem cells. <i>Cancer Letters</i> , 2016, 380, 485-493.	3.2	70
43	Recent Advances in Cancer Therapy Based on Dual Mode Gold Nanoparticles. <i>Cancers</i> , 2017, 9, 173.	1.7	70
44	Ionizing radiation-induced circulatory and metabolic diseases. <i>Environment International</i> , 2021, 146, 106235.	4.8	69
45	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.	1.3	65
46	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.	0.4	64
47	High efficiency detection of bi-stranded abasic clusters in gamma-irradiated DNA by putrescine. <i>Nucleic Acids Research</i> , 2002, 30, 2800-2808.	6.5	62
48	Emerging molecular networks common in ionizing radiation, immune and inflammatory responses by employing bioinformatics approaches. <i>Cancer Letters</i> , 2015, 368, 164-172.	3.2	60
49	Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. <i>Genome Biology</i> , 2018, 19, 37.	3.8	60
50	Epigenetic therapy as a novel approach in hepatocellular carcinoma. , 2015, 145, 103-119.		59
51	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
52	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.	1.3	57
53	Non-targeted radiation effects in vivo: A critical glance of the future in radiobiology. <i>Cancer Letters</i> , 2015, 356, 34-42.	3.2	57
54	Ionizing Radiation and Complex DNA Damage: Quantifying the Radiobiological Damage Using Monte Carlo Simulations. <i>Cancers</i> , 2020, 12, 799.	1.7	57

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55	Oxidative DNA damage caused by inflammation may link to stress-induced non-targeted effects. <i>Cancer Letters</i> , 2015, 356, 72-81.	3.2	56
56	Induction and Processing of Oxidative Clustered DNA Lesions in <sup>56</sup> Fe-Ion-Irradiated Human Monocytes. <i>Radiation Research</i> , 2007, 168, 87-97.	0.7	55
57	The role of epigenetics in environmental and occupational carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010, 188, 340-349.	1.7	53
58	Are common fragile sites merely structural domains or highly organized "functional" units susceptible to oncogenic stress?. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4519-4544.	2.4	52
59	Pleiotrophic effects of natural products in ROS-induced carcinogenesis: The role of plant-derived natural products in oral cancer chemoprevention. <i>Cancer Letters</i> , 2012, 327, 16-25.	3.2	49
60	Therapeutic targeting of replicative immortality. <i>Seminars in Cancer Biology</i> , 2015, 35, S104-S128.	4.3	49
61	Tetramethylpyrazine (TMP) protects cerebral neurocytes and inhibits glioma by down regulating chemokine receptor CXCR4 expression. <i>Cancer Letters</i> , 2013, 336, 281-289.	3.2	48
62	Systemic DNA Damage Related to Cancer. <i>Cancer Research</i> , 2011, 71, 3437-3441.	0.4	46
63	Unraveling the mechanisms of extreme radioresistance in prokaryotes: Lessons from nature. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 767, 92-107.	2.4	42
64	The Interplay Between Inflammation and Oxidative Stress in Carcinogenesis. <i>Current Molecular Medicine</i> , 2012, 12, 672-680.	0.6	41
65	Molecular determinants of radiosensitivity in normal and tumor tissue: A bioinformatic approach. <i>Cancer Letters</i> , 2017, 403, 37-47.	3.2	41
66	Viral-induced human carcinogenesis: an oxidative stress perspective. <i>Molecular BioSystems</i> , 2010, 6, 1162.	2.9	40
67	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.	0.9	39
68	BRCA1 role in the mitigation of radiotoxicity and chromosomal instability through repair of clustered DNA lesions. <i>Chemico-Biological Interactions</i> , 2010, 188, 350-358.	1.7	39
69	Low-dose radiation therapy for COVID-19 pneumopathy: what is the evidence?. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 679-682.	1.0	39
70	Correlation of bistranded clustered abasic DNA lesion processing with structural and dynamic DNA helix distortion. <i>Nucleic Acids Research</i> , 2016, 44, 8588-8599.	6.5	37
71	Immunogenic Cell Death, DAMPs and Prothymosin $\hat{\pm}$ as a Putative Anticancer Immune Response Biomarker. <i>Cells</i> , 2022, 11, 1415.	1.8	34
72	Molecular markers for cancer prognosis and treatment: Have we struck gold?. <i>Cancer Letters</i> , 2012, 327, 142-152.	3.2	33

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73	Detection of Complex DNA Damage in $\hat{I}^3$ -Irradiated Acute Lymphoblastic Leukemia Pre-B NALM-6 Cells. <i>Radiation Research</i> , 2007, 168, 527-534.	0.7	32
74	Repair Rate of Clustered Abasic DNA Lesions by Human Endonuclease: Molecular Bases of Sequence Specificity. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3760-3765.	2.1	30
75	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.	2.4	30
76	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.	3.2	29
77	Oxidative stress, DNA damage and repair in carcinogenesis: Have we established a connection?. <i>Cancer Letters</i> , 2012, 327, 3-4.	3.2	29
78	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. <i>Cancer Research</i> , 2017, 77, 6389-6399.	0.4	29
79	High predictive values of RBC membrane-based diagnostics by biophotonics in an integrated approach for Autism Spectrum Disorders. <i>Scientific Reports</i> , 2017, 7, 9854.	1.6	28
80	Epigenetic inactivation of DNA repair in breast cancer. <i>Cancer Letters</i> , 2014, 342, 213-222.	3.2	27
81	Non-DSB clustered DNA lesions. Does theory colocalize with the experiment?. <i>Radiation Physics and Chemistry</i> , 2016, 128, 26-35.	1.4	27
82	Hippocampal lipidome and transcriptome profile alterations triggered by acute exposure of mice to GSM 1800 mobile phone radiation: An exploratory study. <i>Brain and Behavior</i> , 2018, 8, e01001.	1.0	26
83	Systemic DNA damage accumulation under in vivo tumor growth can be inhibited by the antioxidant Tempol. <i>Cancer Letters</i> , 2014, 353, 248-257.	3.2	24
84	Microdosimetric calculations of the direct DNA damage induced by low energy electrons using the Geant4-DNA Monte Carlo code. <i>Physics in Medicine and Biology</i> , 2020, 65, 045007.	1.6	24
85	Evaluation of Number Average Length Analysis in Quantifying Double Strand Breaks in Genomic DNAs. <i>Biochemistry</i> , 2003, 42, 3375-3384.	1.2	23
86	Hypothermia postpones DNA damage repair in irradiated cells and protects against cell killing. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 142-149.	0.4	23
87	Combined radiation strategies for novel and enhanced cancer treatment. <i>International Journal of Radiation Biology</i> , 2020, 96, 1087-1103.	1.0	22
88	Requirements for Designing an Effective Metallic Nanoparticle (NP)-Boosted Radiation Therapy (RT). <i>Cancers</i> , 2021, 13, 3185.	1.7	22
89	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.	1.6	21
90	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.	0.4	19

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91	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.	1.9	19
92	Prediction of Gold Nanoparticle and Microwave-Induced Hyperthermia Effects on Tumor Control via a Simulation Approach. <i>Nanomaterials</i> , 2019, 9, 167.	1.9	18
93	HOTAIR as a Prognostic Predictor for Diverse Human Cancers: A Meta- and Bioinformatics Analysis. <i>Cancers</i> , 2019, 11, 778.	1.7	18
94	A Guide for Using Transmission Electron Microscopy for Studying the Radiosensitizing Effects of Gold Nanoparticles In Vitro. <i>Nanomaterials</i> , 2021, 11, 859.	1.9	18
95	Detection of clustered DNA lesions: Biological and clinical applications. <i>World Journal of Biological Chemistry</i> , 2011, 2, 173.	1.7	18
96	Nanotechnology in Cancer Therapy: Targeting the Inhibition of Key DNA Repair Pathways. <i>Current Molecular Medicine</i> , 2010, 10, 626-639.	0.6	17
97	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.	1.7	17
98	Microdosimetric investigation of the radiation quality of low-medium energy electrons using Geant4-DNA. <i>Applied Radiation and Isotopes</i> , 2021, 172, 109654.	0.7	17
99	Alpha-Particle-Induced Changes in the Stability and Size of DNA. <i>Radiation Research</i> , 2000, 153, 258-262.	0.7	16
100	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
101	From chemistry of DNA damage to repair and biological significance. <i>Comprehending the future. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 1-2.	0.4	16
102	Dielectric study of the double helix to single coil transition of DNA. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 1998, 5, 26-32.	1.8	15
103	Effects of radical scavengers on radiation-induced DNA double strand breaks. <i>International Journal of Radiation Biology</i> , 2000, 76, 51-59.	1.0	15
104	BRCA1 involvement in toxicological responses and human cancer etiology. <i>Toxicology Letters</i> , 2009, 188, 77-83.	0.4	15
105	Molecular inhibitors of DNA repair: searching for the ultimate tumor killing weapon. <i>Future Medicinal Chemistry</i> , 2015, 7, 1543-1558.	1.1	14
106	Bridging Plant and Human Radiation Response and DNA Repair through an In Silico Approach. <i>Cancers</i> , 2017, 9, 65.	1.7	13
107	$\hat{\alpha}$ - and $\hat{\beta}$ -irradiation of aqueous DNA solutions. <i>Radiation Measurements</i> , 1998, 29, 611-617.	0.7	12
108	Effects of Gamma Rays on the Stability and Size of DNA. <i>Radiation Research</i> , 1998, 150, 488.	0.7	12

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109	Role of the immune system and inflammation in ionizing radiation effects. <i>Cancer Letters</i> , 2015, 368, 154-155.	3.2	12
110	In Situ Detection of Complex DNA Damage Using Microscopy: A Rough Road Ahead. <i>Cancers</i> , 2020, 12, 3288.	1.7	12
111	Codon usage bias in radioresistant bacteria. <i>Gene</i> , 2020, 742, 144554.	1.0	12
112	Detecting radiation-induced DNA damage: from changes in dielectric properties to programmed cell death. <i>Journal of Non-Crystalline Solids</i> , 2002, 305, 295-302.	1.5	11
113	Duodenal carcinoma at the ligament of Treitz. A molecular and clinical perspective. <i>BMC Gastroenterology</i> , 2010, 10, 109.	0.8	11
114	Bystander and non-targeted effects: A unifying model from ionizing radiation to cancer. <i>Cancer Letters</i> , 2015, 356, 3-4.	3.2	10
115	Oxidative Stress Based-Biomarkers in Oral Carcinogenesis: How Far Have We Gone?. <i>Current Molecular Medicine</i> , 2012, 12, 698-703.	0.6	9
116	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.	1.7	9
117	Cockayne Syndrome Group B (CSB): The Regulatory Framework Governing the Multifunctional Protein and Its Plausible Role in Cancer. <i>Cells</i> , 2021, 10, 866.	1.8	9
118	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.	1.8	9
119	MicroRNAs Determining Inflammation as Novel Biomarkers and Potential Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2015, 22, 2666-2679.	1.2	9
120	Estimation of Cosmic-Ray-Induced Atmospheric Ionization and Radiation at Commercial Aviation Flight Altitudes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5297.	1.3	9
121	FLEXIBILITY AND THERMAL DENATURATION (MELTING) OF IRRADIATED DNA. <i>Journal of Biological Systems</i> , 1996, 04, 405-423.	0.5	8
122	Dielectric and UV spectrophotometric study of physicochemical effects of ionizing radiation on mammalian macromolecular DNA. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2001, 8, 549-554.	1.8	8
123	<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.	1.9	8
124	Effects of High-Dose Ionizing Radiation in Human Gene Expression: A Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1938.	1.8	8
125	A Meta-Analysis of the Effects of High-LET Ionizing Radiations in Human Gene Expression. <i>Life</i> , 2021, 11, 115.	1.1	8
126	Mining Natural Products with Anticancer Biological Activity through a Systems Biology Approach. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	8



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127	A Bioinformatic Approach for the Identification of Molecular Determinants of Resistance/Sensitivity to Cancer Thermo-therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	7
128	Interphase Cytogenetic Analysis of G0 Lymphocytes Exposed to $\alpha$ -Particles, C-Ions, and Protons Reveals their Enhanced Effectiveness for Localized Chromosome Shattering—A Critical Risk for Chromothripsis. <i>Cancers</i> , 2020, 12, 2336.	1.7	7
129	Monte Carlo Simulation-Based Calculations of Complex DNA Damage for Incidents of Environmental Ionizing Radiation Exposure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8985.	1.3	6
130	Bioinformatic approaches to the investigation of the atavistic genes implicated in cancer. <i>Frontiers in Bioscience</i> , 2021, 26, 279.	0.8	6
131	Integrative Bioinformatic Analysis of Transcriptomic Data Identifies Conserved Molecular Pathways Underlying Ionizing Radiation-Induced Bystander Effects (RIBE). <i>Cancers</i> , 2017, 9, 160.	1.7	5
132	Temporal evolution and adaptation of SARS-CoV-2 codon usage. <i>Frontiers in Bioscience</i> , 2022, 27, 1.	0.8	5
133	The Role of Ionizing Radiation for Diagnosis and Treatment against COVID-19: Evidence and Considerations. <i>Cells</i> , 2022, 11, 467.	1.8	5
134	Applying Broadband Dielectric Spectroscopy (BDS) for the Biophysical Characterization of Mammalian Tissues under a Variety of Cellular Stresses. <i>International Journal of Molecular Sciences</i> , 2017, 18, 838.	1.8	4
135	Editorial: DNA Damage and Inflammation under Stress. <i>Frontiers in Genetics</i> , 2017, 8, 152.	1.1	4
136	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.	1.0	4
137	Construction and evaluation of an $\alpha$ -particle-irradiation exposure apparatus. <i>International Journal of Radiation Biology</i> , 2021, 97, 1404-1416.	1.0	4
138	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.	0.4	4
139	Using Machine Learning Techniques for Asserting Cellular Damage Induced by High-LET Particle Radiation. <i>Radiation</i> , 2021, 1, 45-64.	0.6	3
140	Abstract 2287: Tumors induce complex DNA damage in distant proliferative tissues <i>in vivo</i> . , 2010, , .		3
141	Thermally stimulated electric changes during the helix to coil transition of irradiated DNA. , 0, , .		2
142	Low doses of $\alpha$ - and $\beta$ -radiation enhance DNA thermal stability. <i>Biophysical Chemistry</i> , 1999, 80, 103-118.	1.5	2
143	Editorial (Hot Topic: Biomarkers of Oxidative Stress and Cancer: From Chemistry, Biology to Clinical) Tj ETQq1 1 0.784314 rgBT /Over 0.6 2		
144	Inflammation and Oxidative DNA Damage. , 2014, , 63-74.		2

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145	Systemic dna damage: Mechanisms, effects and mitigation strategies. Seminars in Cancer Biology, 2016, 37-38, 1-2.	4.3	2
146	Role of DNA Damage and Repair in Detrimental Effects of Ionizing Radiation. Radiation, 2021, 1, 1-4.	0.6	2
147	Nodal tumor volume as a prognostic factor for head and neck squamous cell carcinoma: a systematic review. Frontiers in Bioscience, 2021, 26, 235.	0.8	2
148	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.	1.7	2
149	The Use of Genotoxicity Endpoints as Biomarkers of Low Dose Radiation Exposure in Interventional Cardiology. Frontiers in Public Health, 2021, 9, 701878.	1.3	1
150	Inflammation and oxidatively induced DNA damage: A synergy leading to cancer development. , 2021, , 131-147.		1
151	Non-Targeted Effects of Synchrotron Radiation: Lessons from Experiments at the Australian and European Synchrotrons. Applied Sciences (Switzerland), 2022, 12, 2079.	1.3	1
152	Featuring the Special Issue Editor: Associate Professor Alexandros G. Georgakilas. Cancer Letters, 2012, 327, 1-2.	3.2	0
153	Breast Cancer- Itâ€™s All in the DNA. , 0, , .		0
154	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
155	Preface on application of omics technologies in cancer biology and therapy. Cancer Letters, 2016, 382, A1.	3.2	0
156	A parallelized GPU-based simulating annealing algorithm for intensity modulated radiation therapy optimization. , 2017, , .		0
157	A parallelized GPU-based simulating annealing algorithm for intensity modulated radiation therapy optimization. , 2017, , .		0
158	Systemic effects of synchrotron radiation. Journal of Physics: Conference Series, 2019, 1154, 012028.	0.3	0
159	Entropic Ranks: A Methodology for Enhanced, Threshold-Free, Information-Rich Data Partition and Interpretation. Applied Sciences (Switzerland), 2020, 10, 7077.	1.3	0