

Kai Rothkamm

List of Publications by Citations

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138
papers

6,467
citations

35
h-index

78
g-index

159
ext. papers

7,190
ext. citations

3.9
avg, IF

5.76
L-index

#	Paper	IF	Citations
138	Evidence for a lack of DNA double-strand break repair in human cells exposed to very low x-ray doses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5057-62	11.5	1295
137	Pathways of DNA double-strand break repair during the mammalian cell cycle. <i>Molecular and Cellular Biology</i> , 2003 , 23, 5706-15	4.8	940
136	A double-strand break repair defect in ATM-deficient cells contributes to radiosensitivity. <i>Cancer Research</i> , 2004 , 64, 500-8	10.1	293
135	Leukocyte DNA damage after multi-detector row CT: a quantitative biomarker of low-level radiation exposure. <i>Radiology</i> , 2007 , 242, 244-51	20.5	191
134	DNA damage foci: Meaning and significance. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 491-504	4.2	183
133	Review of retrospective dosimetry techniques for external ionising radiation exposures. <i>Radiation Protection Dosimetry</i> , 2011 , 147, 573-92	0.9	175
132	ATR-dependent radiation-induced gamma H2AX foci in bystander primary human astrocytes and glioma cells. <i>Oncogene</i> , 2007 , 26, 993-1002	9.2	163
131	Ionizing radiation biomarkers for potential use in epidemiological studies. <i>Mutation Research - Reviews in Mutation Research</i> , 2012 , 751, 258-286	7	143
130	gamma-H2AX as protein biomarker for radiation exposure. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2009 , 45, 265-71	1.6	120
129	Tumor cell response to synchrotron microbeam radiation therapy differs markedly from cells in normal tissues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 886-94	4	117
128	Radiation-induced transgenerational alterations in genome stability and DNA damage. <i>Oncogene</i> , 2006 , 25, 7336-42	9.2	113
127	Gamma-H2AX-based dose estimation for whole and partial body radiation exposure. <i>PLoS ONE</i> , 2011 , 6, e25113	3.7	111
126	Comparison of established and emerging biodosimetry assays. <i>Radiation Research</i> , 2013 , 180, 111-9	3.1	101
125	ATM acts downstream of ATR in the DNA damage response signaling of bystander cells. <i>Cancer Research</i> , 2008 , 68, 7059-65	10.1	98
124	Radiation-induced genomic rearrangements formed by nonhomologous end-joining of DNA double-strand breaks. <i>Cancer Research</i> , 2001 , 61, 3886-93	10.1	96
123	Radiotherapy fraction size sensitivity is modulated by DNA repair systems. <i>Breast Cancer Research</i> , 2010 , 12,	8.3	78
122	Cohesin promotes the repair of ionizing radiation-induced DNA double-strand breaks in replicated chromatin. <i>Nucleic Acids Research</i> , 2010 , 38, 477-87	20.1	73

121	Massively parallel sequencing reveals the complex structure of an irradiated human chromosome on a mouse background in the Tc1 model of Down syndrome. <i>PLoS ONE</i> , 2013 , 8, e60482	3.7	69
120	Automatic scoring of dicentric chromosomes as a tool in large scale radiation accidents. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 756, 174-83	3	55
119	Radiosensitization by nitric oxide at low radiation doses. <i>Radiation Research</i> , 2007 , 167, 475-84	3.1	55
118	The shape of the radiation dose response for DNA double-strand break induction and repair. <i>Genome Integrity</i> , 2013 , 4, 1	0.8	54
117	Laboratory intercomparison of gene expression assays. <i>Radiation Research</i> , 2013 , 180, 138-48	3.1	53
116	Manual versus automated γ H2AX foci analysis across five European laboratories: can this assay be used for rapid biodosimetry in a large scale radiation accident?. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 756, 170-3	3	53
115	Joining of correct and incorrect DNA double-strand break ends in normal human and ataxia telangiectasia fibroblasts. <i>Genes Chromosomes and Cancer</i> , 2000 , 27, 59-68	5	53
114	The first gamma-H2AX biodosimetry intercomparison exercise of the developing European biodosimetry network RENEb. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 265-70	0.9	49
113	Laboratory intercomparison of the dicentric chromosome analysis assay. <i>Radiation Research</i> , 2013 , 180, 129-37	3.1	47
112	Residual DNA and chromosomal damage in ex vivo irradiated blood lymphocytes correlated with late normal tissue response to breast radiotherapy. <i>Radiotherapy and Oncology</i> , 2011 , 99, 362-6	5.3	47
111	Laboratory intercomparison on the γ H2AX foci assay. <i>Radiation Research</i> , 2013 , 180, 149-55	3.1	46
110	Realising the European Network of Biodosimetry (RENEb). <i>Radiation Protection Dosimetry</i> , 2012 , 151, 621-5	0.9	46
109	Direct involvement of retinoblastoma family proteins in DNA repair by non-homologous end-joining. <i>Cell Reports</i> , 2015 , 10, 2006-18	10.6	45
108	No dose-dependence of DNA double-strand break misrejoining following alpha-particle irradiation. <i>International Journal of Radiation Biology</i> , 2000 , 76, 891-900	2.9	44
107	Loss of PTEN-assisted G2/M checkpoint impedes homologous recombination repair and enhances radio-curability and PARP inhibitor treatment response in prostate cancer. <i>Scientific Reports</i> , 2018 , 8, 3947	4.9	37
106	Inter- and intra-laboratory comparison of a multibiosimetric approach to triage in a simulated, large scale radiation emergency. <i>International Journal of Radiation Biology</i> , 2014 , 90, 193-202	2.9	37
105	Biomarkers of radiation exposure: can they predict normal tissue radiosensitivity?. <i>Clinical Oncology</i> , 2013 , 25, 610-6	2.8	36
104	Operational guidance for radiation emergency response organisations in Europe for using biosimetric tools developed in EU MULTIBIODOSE project. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 165-9	0.9	36

103	Laboratory intercomparison of the cytokinesis-block micronucleus assay. <i>Radiation Research</i> , 2013 , 180, 120-8	3.1	35
102	The second gamma-H2AX assay inter-comparison exercise carried out in the framework of the European biodosimetry network (RENEB). <i>International Journal of Radiation Biology</i> , 2017 , 93, 58-64	2.9	34
101	Misrejoining of DNA double-strand breaks in primary and transformed human and rodent cells: a comparison between the HPRT region and other genomic locations. <i>Mutation Research DNA Repair</i> , 1999 , 433, 193-205		34
100	BRCA1, FANCD2 and Chk1 are potential molecular targets for the modulation of a radiation-induced DNA damage response in bystander cells. <i>Cancer Letters</i> , 2015 , 356, 454-61	9.9	33
99	Nonlinear ionizing radiation-induced changes in eye lens cell proliferation, cyclin D1 expression and lens shape. <i>Open Biology</i> , 2015 , 5, 150011	7	33
98	Realising the European network of biodosimetry: RENEB-status quo. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 42-5	0.9	33
97	Limitations associated with analysis of cytogenetic data for biological dosimetry. <i>Radiation Research</i> , 2010 , 174, 403-14	3.1	33
96	Gamma-H2AX biodosimetry for use in large scale radiation incidents: comparison of a rapid '96 well lyse/fix' protocol with a routine method. <i>PeerJ</i> , 2014 , 2, e282	3.1	33
95	G2-checkpoint targeting and radiosensitization of HPV/p16-positive HNSCC cells through the inhibition of Chk1 and Wee1. <i>Radiotherapy and Oncology</i> , 2017 , 122, 260-266	5.3	32
94	Radiation-induced bystander and systemic effects serve as a unifying model system for genotoxic stress responses. <i>Mutation Research - Reviews in Mutation Research</i> , 2018 , 778, 13-22	7	29
93	Enhanced fidelity for rejoining radiation-induced DNA double-strand breaks in the G2 phase of Chinese hamster ovary cells. <i>Nucleic Acids Research</i> , 2004 , 32, 2677-84	20.1	28
92	Zero-inflated regression models for radiation-induced chromosome aberration data: A comparative study. <i>Biometrical Journal</i> , 2016 , 58, 259-79	1.5	27
91	Interlaboratory variation in scoring dicentric chromosomes in a case of partial-body x-ray exposure: implications for biodosimetry networking and cytogenetic "triage mode" scoring. <i>Radiation Research</i> , 2009 , 172, 746-52	3.1	26
90	DNA double-strand break repair and induction of apoptosis in ex vivo irradiated blood lymphocytes in relation to late normal tissue reactions following breast radiotherapy. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 355-64	2	25
89	Homologous recombination mediates cellular resistance and fraction size sensitivity to radiation therapy. <i>Radiotherapy and Oncology</i> , 2013 , 108, 155-61	5.3	24
88	Similar cisplatin sensitivity of HPV-positive and -negative HNSCC cell lines. <i>Oncotarget</i> , 2016 , 7, 35832-35842	3.1	24
87	EGFRvIII upregulates DNA mismatch repair resulting in increased temozolomide sensitivity of MGMT promoter methylated glioblastoma. <i>Oncogene</i> , 2020 , 39, 3041-3055	9.2	23
86	Is a semi-automated approach indicated in the application of the automated micronucleus assay for triage purposes?. <i>Radiation Protection Dosimetry</i> , 2014 , 159, 87-94	0.9	23

85	Combined analysis of gamma-H2AX/53BP1 foci and caspase activation in lymphocyte subsets detects recent and more remote radiation exposures. <i>Radiation Research</i> , 2013 , 180, 603-9	3.1	23
84	Cohesin phosphorylation and mobility of SMC1 at ionizing radiation-induced DNA double-strand breaks in human cells. <i>Experimental Cell Research</i> , 2011 , 317, 330-7	4.2	23
83	DNA and chromosomal damage in response to intermittent extremely low-frequency magnetic fields. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 672, 82-9	3	23
82	Web-based scoring of the dicentric assay, a collaborative biodosimetric scoring strategy for population triage in large scale radiation accidents. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 241-54	2	22
81	In situ biological dose mapping estimates the radiation burden delivered to 'spared' tissue between synchrotron X-ray microbeam radiotherapy tracks. <i>PLoS ONE</i> , 2012 , 7, e29853	3.7	22
80	The RENEB operational basis: complement of established biodosimetric assays. <i>International Journal of Radiation Biology</i> , 2017 , 93, 15-19	2.9	21
79	Deoxyribonucleic acid damage-associated biomarkers of ionising radiation: current status and future relevance for radiology and radiotherapy. <i>British Journal of Radiology</i> , 2013 , 86, 20130173	3.4	20
78	The relationship between homologous recombination repair and the sensitivity of human epidermis to the size of daily doses over a 5-week course of breast radiotherapy. <i>Clinical Cancer Research</i> , 2012 , 18, 5479-88	12.9	20
77	Misrepair of radiation-induced DNA double-strand breaks and its relevance for tumorigenesis and cancer treatment (review). <i>International Journal of Oncology</i> , 2002 , 21, 433-40	1	20
76	Analyzing expression and phosphorylation of the EGF receptor in HNSCC. <i>Scientific Reports</i> , 2019 , 9, 13564	4.4	18
75	Validation of semi-automatic scoring of dicentric chromosomes after simulation of three different irradiation scenarios. <i>Health Physics</i> , 2014 , 106, 764-71	2.3	18
74	Candidate protein biomarkers as rapid indicators of radiation exposure. <i>Radiation Measurements</i> , 2011 , 46, 903-906	1.5	18
73	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021 , 15, 3754-3807	16.7	18
72	A new Bayesian model applied to cytogenetic partial body irradiation estimation. <i>Radiation Protection Dosimetry</i> , 2016 , 168, 330-6	0.9	17
71	Review of Bayesian statistical analysis methods for cytogenetic radiation biodosimetry, with a practical example. <i>Radiation Protection Dosimetry</i> , 2014 , 162, 185-96	0.9	17
70	Inter-individual and inter-cell type variation in residual DNA damage after in vivo irradiation of human skin. <i>Radiotherapy and Oncology</i> , 2011 , 99, 225-30	5.3	17
69	BCL2-overexpressing prostate cancer cells rely on PARP1-dependent end-joining and are sensitive to combined PARP inhibitor and radiation therapy. <i>Cancer Letters</i> , 2018 , 423, 60-70	9.9	16
68	EGFRvIII does not affect radiosensitivity with or without gefitinib treatment in glioblastoma cells. <i>Oncotarget</i> , 2015 , 6, 33867-77	3.3	16

67	Effect of sorafenib on cisplatin-based chemoradiation in head and neck cancer cells. <i>Oncotarget</i> , 2016 , 7, 23542-51	3.3	16
66	What radiation dose does the FISH translocation assay measure in cases of incorporated radionuclides for the Southern Urals populations?. <i>Radiation Protection Dosimetry</i> , 2014 , 159, 26-33	0.9	15
65	Uncertainty of fast biological radiation dose assessment for emergency response scenarios. <i>International Journal of Radiation Biology</i> , 2017 , 93, 127-135	2.9	15
64	A new inverse regression model applied to radiation biodosimetry. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015 , 471, 20140588	2.4	15
63	Radiation-induced HPRT mutations resulting from misrejoined DNA double-strand breaks. <i>Radiation Research</i> , 2008 , 169, 639-48	3.1	15
62	Gamma-H2AX foci counting: image processing and control software for high-content screening 2007 , 6441, 424		15
61	Impaired 53BP1/RIF1 DSB mediated end-protection stimulates CtIP-dependent end resection and switches the repair to PARP1-dependent end joining in G1. <i>Oncotarget</i> , 2016 , 7, 57679-57693	3.3	15
60	Radiosensitization of HNSCC cells by EGFR inhibition depends on the induction of cell cycle arrests. <i>Oncotarget</i> , 2016 , 7, 45122-45133	3.3	15
59	Functional crosstalk between DNA damage response proteins 53BP1 and BRCA1 regulates double strand break repair choice. <i>Radiotherapy and Oncology</i> , 2016 , 119, 276-81	5.3	14
58	CytoBayesJ: software tools for Bayesian analysis of cytogenetic radiation dosimetry data. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 756, 184-91	3	13
57	Formation and repair of DNA double-strand breaks in gamma-irradiated K562 cells undergoing erythroid differentiation. <i>Mutation Research DNA Repair</i> , 2000 , 461, 71-82		13
56	Joining of correct and incorrect DNA double-strand break ends in normal human and ataxia telangiectasia fibroblasts. <i>Genes Chromosomes and Cancer</i> , 2000 , 27, 59-68	5	13
55	Prevention of DNA Replication Stress by CHK1 Leads to Chemoresistance Despite a DNA Repair Defect in Homologous Recombination in Breast Cancer. <i>Cells</i> , 2020 , 9,	7.9	12
54	A portable microfluidic fluorescence spectrometer device for γ H2AX-based biological dosimetry. <i>Radiation Measurements</i> , 2011 , 46, 907-911	1.5	12
53	Physical and biological parameters affecting DNA double strand break misrejoining in mammalian cells. <i>Radiation Protection Dosimetry</i> , 2002 , 99, 129-32	0.9	12
52	Quantitative proteomics unveiled: Regulation of DNA double strand break repair by EGFR involves PARP1. <i>Radiotherapy and Oncology</i> , 2015 , 116, 423-30	5.3	11
51	Web based scoring is useful for validation and harmonisation of scoring criteria within RENEB. <i>International Journal of Radiation Biology</i> , 2017 , 93, 110-117	2.9	11
50	Misrepair of radiation-induced DNA double-strand breaks and its relevance for tumorigenesis and cancer treatment (Review) 2002 , 21, 433		11

49	A functional ex vivo assay to detect PARP1-EJ repair and radiosensitization by PARP-inhibitor in prostate cancer. <i>International Journal of Cancer</i> , 2019 , 144, 1685-1696	7.5	11
48	DNA Damage Repair Deficiency in Prostate Cancer. <i>Trends in Cancer</i> , 2020 , 6, 974-984	12.5	10
47	radir package: an R implementation for cytogenetic biodosimetry dose estimation. <i>Journal of Radiological Protection</i> , 2015 , 35, 557-69	1.2	9
46	DNA Repair. <i>Recent Results in Cancer Research</i> , 2016 , 198, 1-24	1.5	9
45	Correlation between DNA damage responses of skin to a test dose of radiation and late adverse effects of earlier breast radiotherapy. <i>Radiotherapy and Oncology</i> , 2016 , 119, 244-9	5.3	9
44	A comparison of six statistical distributions for analysis of chromosome aberration data for radiation biodosimetry. <i>Radiation Protection Dosimetry</i> , 2013 , 155, 253-67	0.9	9
43	Sorafenib inhibits cell growth but fails to enhance radio- and chemosensitivity of glioblastoma cell lines. <i>Oncotarget</i> , 2016 , 7, 61988-61995	3.3	9
42	Targeted nanoparticles for tumour radiotherapy enhancement-the long dawn of a golden era?. <i>Annals of Translational Medicine</i> , 2016 , 4, 523	3.2	8
41	The lens of the eye: exposures in the UK medical sector and mechanistic studies of radiation effects. <i>Annals of the ICRP</i> , 2015 , 44, 84-90	2.4	7
40	Capabilities of the RENEB network for research and large scale radiological and nuclear emergency situations. <i>International Journal of Radiation Biology</i> , 2017 , 93, 136-141	2.9	7
39	Multibiodose radiation emergency triage categorization software. <i>Health Physics</i> , 2014 , 107, 83-9	2.3	7
38	Triage, monitoring and dose assessment for people exposed to ionising radiation following a malevolent act. <i>Radiation Protection Dosimetry</i> , 2011 , 144, 534-9	0.9	7
37	The inflammation-reducing compatible solute ectoine does not impair the cytotoxic effect of ionizing radiation on head and neck cancer cells. <i>Scientific Reports</i> , 2019 , 9, 6594	4.9	6
36	Where Do We Look for Markers of Radiotherapy Fraction Size Sensitivity?. <i>Clinical Oncology</i> , 2015 , 27, 570-8	2.8	6
35	Correlation between the radiation responses of fibroblasts cultured from individual patients and the risk of late reaction after breast radiotherapy. <i>Cancer Letters</i> , 2016 , 374, 324-30	9.9	6
34	Improving the Efficacy of Tumor Radiosensitization Through Combined Molecular Targeting. <i>Frontiers in Oncology</i> , 2020 , 10, 1260	5.3	6
33	Development of a retrospective/fortuitous accident dosimetry service based on OSL of mobile phones. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 89-92	0.9	5
32	Difficult cases for chromosomal dosimetry: Statistical considerations. <i>Radiation Measurements</i> , 2011 , 46, 1004-1008	1.5	5

31	Second-Generation Antiandrogen Therapy Radiosensitizes Prostate Cancer Regardless of Castration State through Inhibition of DNA Double Strand Break Repair. <i>Cancers</i> , 2020 , 12,	6.6	5
30	Dual Inhibition of PARP and the Intra-S/G2 Cell Cycle Checkpoints Results in Highly Effective Radiosensitization of HPV-Positive HNSCC Cells. <i>Frontiers in Oncology</i> , 2021 , 11, 683688	5.3	5
29	X-ray Fluorescence Uptake Measurement of Functionalized Gold Nanoparticles in Tumor Cell Microsamples. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
28	Interplay between DNA replication stress, chromatin dynamics and DNA-damage response for the maintenance of genome stability. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 787, 108346	7	4
27	TP53 modulates radiotherapy fraction size sensitivity in normal and malignant cells. <i>Scientific Reports</i> , 2021 , 11, 7119	4.9	4
26	Receptor tyrosine kinase MET as potential target of multi-kinase inhibitor and radiosensitizer sorafenib in HNSCC. <i>Head and Neck</i> , 2019 , 41, 208-215	4.2	4
25	Radiosensitisation and enhanced tumour growth delay of colorectal cancer cells by sustained treatment with trifluridine/tipiracil and X-rays. <i>Cancer Letters</i> , 2020 , 493, 179-188	9.9	3
24	Impact of long-term exposure to sodium arsenite on cytogenetic radiation damage. <i>Mutagenesis</i> , 2014 , 29, 123-9	2.8	3
23	DNA Damage Response during Replication Correlates with CIN70 Score and Determines Survival in HNSCC Patients. <i>Cancers</i> , 2021 , 13,	6.6	3
22	Analyzing tyrosine kinase activity in head and neck cancer by functional kinomics: Identification of hyperactivated Src family kinases as prognostic markers and potential targets. <i>International Journal of Cancer</i> , 2021 , 149, 1166-1180	7.5	3
21	Ionizing radiation-induced DNA strand breaks and γ -H2AX foci in cells exposed to nitric oxide. <i>Methods in Molecular Biology</i> , 2011 , 704, 17-25	1.4	2
20	ATR-dependent bystander effects in nontargeted cells. <i>International Journal of Low Radiation</i> , 2008 , 5, 22	1	2
19	Analyzing the influence of kinase inhibitors on DNA repair by differential proteomics of chromatin-interacting proteins and nuclear phospho-proteins. <i>Oncotarget</i> , 2017 , 8, 110983-110993	3.3	2
18	Exploiting Chromosomal Instability of PTEN-Deficient Triple-Negative Breast Cancer Cell Lines for the Sensitization against PARP1 Inhibition in a Replication-Dependent Manner. <i>Cancers</i> , 2020 , 12,	6.6	2
17	Radiation Biomarkers in Large Scale Human Health Effects Studies. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	2
16	EP-1618: Monoubiquitinated histone H2B as a potential target in treatment resistant germ cell tumors. <i>Radiotherapy and Oncology</i> , 2018 , 127, S871	5.3	2
15	P06.20 EGFRvIII: a predictive marker for Temozolomide response in O6-methylguanine-DNA methyltransferase negative glioblastoma cells and tumor xenografts. <i>Neuro-Oncology</i> , 2016 , 18, iv33-iv33	1	1
14	Different Means to an End: DNA Double-Strand Break Repair 2004 , 179-186		1

13	The Role of Telomerase in Radiation-Induced Genomic Instability. <i>Radiation Research</i> , 2020 , 193, 451-459.	1	1
12	Established and Emerging Methods of Biological Dosimetry 2014 , 289-310		1
11	Investigating the impact of long term exposure to chemical agents on the chromosomal radiosensitivity using human lymphoblastoid GM1899A cells. <i>Scientific Reports</i> , 2021 , 11, 12616	4.9	1
10	Feasibility of Monitoring Tumor Response by Tracking Nanoparticle-Labelled T Cells Using X-ray Fluorescence Imaging-A Numerical Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
9	Efficient DNA Repair Mitigates Replication Stress Resulting in Less Immunogenic Cytosolic DNA in Radioresistant Breast Cancer Stem Cells.. <i>Frontiers in Immunology</i> , 2022 , 13, 765284	8.4	1
8	Kinomic comparison of snap frozen and ex vivo-cultured head and neck tumors. <i>Oral Oncology</i> , 2021 , 123, 105603	4.4	0
7	Fully automated counting of DNA damage foci in tumor cell culture: A matter of cell separation. <i>DNA Repair</i> , 2021 , 102, 103100	4.3	0
6	Increased replication stress and R-loop accumulation in EGFRVIII-expressing glioblastoma present new therapeutic opportunities.. <i>Neuro-Oncology Advances</i> , 2022 , 4, vdab180	0.9	0
5	Comments on the Paper No Detectable Misrejoining in Double-Minute Chromosomes by Nevaldineet al. (Radiat. Res.152, 154-159, 1999). <i>Radiation Research</i> , 2000 , 153, 239-240	3.1	
4	Establishment of a Transformation Coupled End Joining Assay to Estimate Radiosensitivity in Tumor Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 1480	5.3	
3	Radiation DNA damage and use in cancer/therapeutics-translation of radiation modifiers 2016 , 329-352		
2	Monitoring Very Low Dose Radiation Damage in DNA Using Field-Friendly Biomarkers. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2022 , 137-151	0.1	
1	MEDB-50. Assessment of cellular radiosensitivity and DNA repair in medulloblastoma cell lines and patient-derived xenograft slice cultures. <i>Neuro-Oncology</i> , 2022 , 24, i117-i118	1	