

# Kai Rothkamm

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1155903/kai-rothkamm-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , <b>2022</b> , 137-151	0.1	
137	Efficient DNA Repair Mitigates Replication Stress Resulting in Less Immunogenic Cytosolic DNA in Radioresistant Breast Cancer Stem Cells.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 765284	8.4	1
136	Increased replication stress and R-loop accumulation in EGFRvIII-expressing glioblastoma present new therapeutic opportunities.. <i>Neuro-Oncology Advances</i> , <b>2022</b> , 4, vdab180	0.9	0
135	MEDB-50. Assessment of cellular radiosensitivity and DNA repair in medulloblastoma cell lines and patient-derived xenograft slice cultures. <i>Neuro-Oncology</i> , <b>2022</b> , 24, i117-i118	1	
134	Kinomic comparison of snap frozen and ex vivo-cultured head and neck tumors. <i>Oral Oncology</i> , <b>2021</b> , 123, 105603	4.4	0
133	DNA Damage Response during Replication Correlates with CIN70 Score and Determines Survival in HNSCC Patients. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
132	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , <b>2021</b> , 15, 3754-3807	16.7	18
131	X-ray Fluorescence Uptake Measurement of Functionalized Gold Nanoparticles in Tumor Cell Microsamples. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
130	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> , <b>2021</b> , 149, 1166-1180	7.5	3
129	Investigating the impact of long term exposure to chemical agents on the chromosomal radiosensitivity using human lymphoblastoid GM1899A cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 12616	4.9	1
128	Fully automated counting of DNA damage foci in tumor cell culture: A matter of cell separation. <i>DNA Repair</i> , <b>2021</b> , 102, 103100	4.3	0
127	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> , <b>2021</b> , 11, 683688	5.3	5
126	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> , <b>2021</b> , 787, 108346	7	4
125	TP53 modulates radiotherapy fraction size sensitivity in normal and malignant cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 7119	4.9	4
124	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> , <b>2021</b> , 22,	6.3	1
123	Radiosensitisation and enhanced tumour growth delay of colorectal cancer cells by sustained treatment with trifluridine/tipiracil and X-rays. <i>Cancer Letters</i> , <b>2020</b> , 493, 179-188	9.9	3
122	DNA Damage Repair Deficiency in Prostate Cancer. <i>Trends in Cancer</i> , <b>2020</b> , 6, 974-984	12.5	10

121	EGFRvIII upregulates DNA mismatch repair resulting in increased temozolomide sensitivity of MGMT promoter methylated glioblastoma. <i>Oncogene</i> , <b>2020</b> , 39, 3041-3055	9.2	23
120	Prevention of DNA Replication Stress by CHK1 Leads to Chemoresistance Despite a DNA Repair Defect in Homologous Recombination in Breast Cancer. <i>Cells</i> , <b>2020</b> , 9,	7.9	12
119	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> , <b>2020</b> , 12,	6.6	2
118	The Role of Telomerase in Radiation-Induced Genomic Instability. <i>Radiation Research</i> , <b>2020</b> , 193, 451-459	3.1	1
117	Improving the Efficacy of Tumor Radiosensitization Through Combined Molecular Targeting. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1260	5.3	6
116	Radiation Biomarkers in Large Scale Human Health Effects Studies. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	2
115	Second-Generation Antiandrogen Therapy Radiosensitizes Prostate Cancer Regardless of Castration State through Inhibition of DNA Double Strand Break Repair. <i>Cancers</i> , <b>2020</b> , 12,	6.6	5
114	Establishment of a Transformation Coupled End Joining Assay to Estimate Radiosensitivity in Tumor Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1480	5.3	
113	Analyzing expression and phosphorylation of the EGF receptor in HNSCC. <i>Scientific Reports</i> , <b>2019</b> , 9, 13564	4.9	18
112	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> , <b>2019</b> , 9, 6594	4.9	6
111	A functional ex vivo assay to detect PARP1-EJ repair and radiosensitization by PARP-inhibitor in prostate cancer. <i>International Journal of Cancer</i> , <b>2019</b> , 144, 1685-1696	7.5	11
110	Receptor tyrosine kinase MET as potential target of multi-kinase inhibitor and radiosensitizer sorafenib in HNSCC. <i>Head and Neck</i> , <b>2019</b> , 41, 208-215	4.2	4
109	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> , <b>2018</b> , 8, 3947	4.9	37
108	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> , <b>2018</b> , 423, 60-70	9.9	16
107	Radiation-induced bystander and systemic effects serve as a unifying model system for genotoxic stress responses. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2018</b> , 778, 13-22	7	29
106	EP-1618: Monoubiquitinated histone H2B as a potential target in treatment resistant germ cell tumors. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, S871	5.3	2
105	The RENEB operational basis: complement of established biodosimetric assays. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 15-19	2.9	21
104	G2-checkpoint targeting and radiosensitization of HPV/p16-positive HNSCC cells through the inhibition of Chk1 and Wee1. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 122, 260-266	5.3	32

103	Web based scoring is useful for validation and harmonisation of scoring criteria within RENEb. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 110-117	2.9	11
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> , <b>2017</b> , 93, 58-64	2.9	34
101	Capabilities of the RENEb network for research and large scale radiological and nuclear emergency situations. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 136-141	2.9	7
100	Uncertainty of fast biological radiation dose assessment for emergency response scenarios. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 127-135	2.9	15
99	Analyzing the influence of kinase inhibitors on DNA repair by differential proteomics of chromatin-interacting proteins and nuclear phospho-proteins. <i>Oncotarget</i> , <b>2017</b> , 8, 110983-110993	3.3	2
98	P06.20 EGFRvIII: a predictive marker for Temozolomide response in O6-methylguanine-DNA methyltransferase negative glioblastoma cells and tumor xenografts. <i>Neuro-Oncology</i> , <b>2016</b> , 18, iv33-iv33 <sup>1</sup>		1
97	DNA Repair. <i>Recent Results in Cancer Research</i> , <b>2016</b> , 198, 1-24	1.5	9
96	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> , <b>2016</b> , 119, 244-9	5.3	9
95	Correlation between the radiation responses of fibroblasts cultured from individual patients and the risk of late reaction after breast radiotherapy. <i>Cancer Letters</i> , <b>2016</b> , 374, 324-30	9.9	6
94	A new Bayesian model applied to cytogenetic partial body irradiation estimation. <i>Radiation Protection Dosimetry</i> , <b>2016</b> , 168, 330-6	0.9	17
93	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> , <b>2016</b> , 7, 57679-57693	3.3	15
92	Sorafenib inhibits cell growth but fails to enhance radio- and chemosensitivity of glioblastoma cell lines. <i>Oncotarget</i> , <b>2016</b> , 7, 61988-61995	3.3	9
91	Effect of sorafenib on cisplatin-based chemoradiation in head and neck cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 23542-51	3.3	16
90	Radiosensitization of HNSCC cells by EGFR inhibition depends on the induction of cell cycle arrests. <i>Oncotarget</i> , <b>2016</b> , 7, 45122-45133	3.3	15
89	Similar cisplatin sensitivity of HPV-positive and -negative HNSCC cell lines. <i>Oncotarget</i> , <b>2016</b> , 7, 35832-35842	3.3	24
88	Radiation DNA damage and use in cancer/therapeutics-translation of radiation modifiers <b>2016</b> , 329-352		
87	Targeted nanoparticles for tumour radiotherapy enhancement-the long dawn of a golden era?. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 523	3.2	8
86	Zero-inflated regression models for radiation-induced chromosome aberration data: A comparative study. <i>Biometrical Journal</i> , <b>2016</b> , 58, 259-79	1.5	27

85	Functional crosstalk between DNA damage response proteins 53BP1 and BRCA1 regulates double strand break repair choice. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 276-81	5.3	14
84	radir package: an R implementation for cytogenetic biodosimetry dose estimation. <i>Journal of Radiological Protection</i> , <b>2015</b> , 35, 557-69	1.2	9
83	DNA damage foci: Meaning and significance. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 491-504.	4.2	183
82	Direct involvement of retinoblastoma family proteins in DNA repair by non-homologous end-joining. <i>Cell Reports</i> , <b>2015</b> , 10, 2006-18	10.6	45
81	Where Do We Look for Markers of Radiotherapy Fraction Size Sensitivity?. <i>Clinical Oncology</i> , <b>2015</b> , 27, 570-8	2.8	6
80	Development of a retrospective/fortuitous accident dosimetry service based on OSL of mobile phones. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 164, 89-92	0.9	5
79	Quantitative proteomics unveiled: Regulation of DNA double strand break repair by EGFR involves PARP1. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 116, 423-30	5.3	11
78	The lens of the eye: exposures in the UK medical sector and mechanistic studies of radiation effects. <i>Annals of the ICRP</i> , <b>2015</b> , 44, 84-90	2.4	7
77	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> , <b>2015</b> , 356, 454-61	9.9	33
76	The first gamma-H2AX biodosimetry intercomparison exercise of the developing European biodosimetry network RENEb. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 164, 265-70	0.9	49
75	Nonlinear ionizing radiation-induced changes in eye lens cell proliferation, cyclin D1 expression and lens shape. <i>Open Biology</i> , <b>2015</b> , 5, 150011	7	33
74	Realising the European network of biodosimetry: RENEb-status quo. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 164, 42-5	0.9	33
73	Operational guidance for radiation emergency response organisations in Europe for using biodosimetric tools developed in EU MULTIBIODOSE project. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 164, 165-9	0.9	36
72	A new inverse regression model applied to radiation biodosimetry. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2015</b> , 471, 20140588	2.4	15
71	EGFRvIII does not affect radiosensitivity with or without gefitinib treatment in glioblastoma cells. <i>Oncotarget</i> , <b>2015</b> , 6, 33867-77	3.3	16
70	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> , <b>2014</b> , 53, 241-54	2	22
69	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> , <b>2014</b> , 53, 355-64	2	25
68	What radiation dose does the FISH translocation assay measure in cases of incorporated radionuclides for the Southern Urals populations?. <i>Radiation Protection Dosimetry</i> , <b>2014</b> , 159, 26-33	0.9	15

67	Impact of long-term exposure to sodium arsenite on cytogenetic radiation damage. <i>Mutagenesis</i> , <b>2014</b> , 29, 123-9	2.8	3
66	Inter- and intra-laboratory comparison of a multibiodosimetric approach to triage in a simulated, large scale radiation emergency. <i>International Journal of Radiation Biology</i> , <b>2014</b> , 90, 193-202	2.9	37
65	Is a semi-automated approach indicated in the application of the automated micronucleus assay for triage purposes?. <i>Radiation Protection Dosimetry</i> , <b>2014</b> , 159, 87-94	0.9	23
64	Multibiodose radiation emergency triage categorization software. <i>Health Physics</i> , <b>2014</b> , 107, 83-9	2.3	7
63	Validation of semi-automatic scoring of dicentric chromosomes after simulation of three different irradiation scenarios. <i>Health Physics</i> , <b>2014</b> , 106, 764-71	2.3	18
62	Review of Bayesian statistical analysis methods for cytogenetic radiation biodosimetry, with a practical example. <i>Radiation Protection Dosimetry</i> , <b>2014</b> , 162, 185-96	0.9	17
61	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> , <b>2014</b> , 2, e282	3.1	33
60	Established and Emerging Methods of Biological Dosimetry <b>2014</b> , 289-310		1
59	The shape of the radiation dose response for DNA double-strand break induction and repair. <i>Genome Integrity</i> , <b>2013</b> , 4, 1	0.8	54
58	Biomarkers of radiation exposure: can they predict normal tissue radiosensitivity?. <i>Clinical Oncology</i> , <b>2013</b> , 25, 610-6	2.8	36
57	Laboratory intercomparison of gene expression assays. <i>Radiation Research</i> , <b>2013</b> , 180, 138-48	3.1	53
56	Manual versus automated $\gamma$ 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> , <b>2013</b> , 756, 170-3	3	53
55	Automatic scoring of dicentric chromosomes as a tool in large scale radiation accidents. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2013</b> , 756, 174-83	3	55
54	Laboratory intercomparison on the $\gamma$ H2AX foci assay. <i>Radiation Research</i> , <b>2013</b> , 180, 149-55	3.1	46
53	Laboratory intercomparison of the cytokinesis-block micronucleus assay. <i>Radiation Research</i> , <b>2013</b> , 180, 120-8	3.1	35
52	Laboratory intercomparison of the dicentric chromosome analysis assay. <i>Radiation Research</i> , <b>2013</b> , 180, 129-37	3.1	47
51	Homologous recombination mediates cellular resistance and fraction size sensitivity to radiation therapy. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 108, 155-61	5.3	24
50	CytoBayesJ: software tools for Bayesian analysis of cytogenetic radiation dosimetry data. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2013</b> , 756, 184-91	3	13

49	Deoxyribonucleic acid damage-associated biomarkers of ionising radiation: current status and future relevance for radiology and radiotherapy. <i>British Journal of Radiology</i> , <b>2013</b> , 86, 20130173	3.4	20
48	A comparison of six statistical distributions for analysis of chromosome aberration data for radiation biodosimetry. <i>Radiation Protection Dosimetry</i> , <b>2013</b> , 155, 253-67	0.9	9
47	Comparison of established and emerging biodosimetry assays. <i>Radiation Research</i> , <b>2013</b> , 180, 111-9	3.1	101
46	Combined analysis of gamma-H2AX/53BP1 foci and caspase activation in lymphocyte subsets detects recent and more remote radiation exposures. <i>Radiation Research</i> , <b>2013</b> , 180, 603-9	3.1	23
45	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> , <b>2013</b> , 8, e60482	3.7	69
44	Ionizing radiation biomarkers for potential use in epidemiological studies. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2012</b> , 751, 258-286	7	143
43	In situ biological dose mapping estimates the radiation burden delivered to 'spared' tissue between synchrotron X-ray microbeam radiotherapy tracks. <i>PLoS ONE</i> , <b>2012</b> , 7, e29853	3.7	22
42	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> , <b>2012</b> , 18, 5479-88	12.9	20
41	Realising the European Network of Biodosimetry (RENEB). <i>Radiation Protection Dosimetry</i> , <b>2012</b> , 151, 621-5	0.9	46
40	Review of retrospective dosimetry techniques for external ionising radiation exposures. <i>Radiation Protection Dosimetry</i> , <b>2011</b> , 147, 573-92	0.9	175
39	Ionizing radiation-induced DNA strand breaks and $\gamma$ -H2AX foci in cells exposed to nitric oxide. <i>Methods in Molecular Biology</i> , <b>2011</b> , 704, 17-25	1.4	2
38	Inter-individual and inter-cell type variation in residual DNA damage after in vivo irradiation of human skin. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 99, 225-30	5.3	17
37	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> , <b>2011</b> , 99, 362-6	5.3	47
36	Candidate protein biomarkers as rapid indicators of radiation exposure. <i>Radiation Measurements</i> , <b>2011</b> , 46, 903-906	1.5	18
35	Difficult cases for chromosomal dosimetry: Statistical considerations. <i>Radiation Measurements</i> , <b>2011</b> , 46, 1004-1008	1.5	5
34	A portable microfluidic fluorescence spectrometer device for $\gamma$ -H2AX-based biological dosimetry. <i>Radiation Measurements</i> , <b>2011</b> , 46, 907-911	1.5	12
33	Cohesin phosphorylation and mobility of SMC1 at ionizing radiation-induced DNA double-strand breaks in human cells. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 330-7	4.2	23
32	Triage, monitoring and dose assessment for people exposed to ionising radiation following a malevolent act. <i>Radiation Protection Dosimetry</i> , <b>2011</b> , 144, 534-9	0.9	7

31	Gamma-H2AX-based dose estimation for whole and partial body radiation exposure. <i>PLoS ONE</i> , <b>2011</b> , 6, e25113	3.7	111
30	Cohesin promotes the repair of ionizing radiation-induced DNA double-strand breaks in replicated chromatin. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 477-87	20.1	73
29	Limitations associated with analysis of cytogenetic data for biological dosimetry. <i>Radiation Research</i> , <b>2010</b> , 174, 403-14	3.1	33
28	Radiotherapy fraction size sensitivity is modulated by DNA repair systems. <i>Breast Cancer Research</i> , <b>2010</b> , 12,	8.3	78
27	Tumor cell response to synchrotron microbeam radiation therapy differs markedly from cells in normal tissues. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 77, 886-94	4	117
26	DNA and chromosomal damage in response to intermittent extremely low-frequency magnetic fields. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2009</b> , 672, 82-9	3	23
25	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> , <b>2009</b> , 172, 746-52	3.1	26
24	gamma-H2AX as protein biomarker for radiation exposure. <i>Annali Dell'istituto Superiore Di Sanita</i> , <b>2009</b> , 45, 265-71	1.6	120
23	ATM acts downstream of ATR in the DNA damage response signaling of bystander cells. <i>Cancer Research</i> , <b>2008</b> , 68, 7059-65	10.1	98
22	Radiation-induced HPRT mutations resulting from misrejoined DNA double-strand breaks. <i>Radiation Research</i> , <b>2008</b> , 169, 639-48	3.1	15
21	ATR-dependent bystander effects in nontargeted cells. <i>International Journal of Low Radiation</i> , <b>2008</b> , 5, 22	1	2
20	Radiosensitization by nitric oxide at low radiation doses. <i>Radiation Research</i> , <b>2007</b> , 167, 475-84	3.1	55
19	ATR-dependent radiation-induced gamma H2AX foci in bystander primary human astrocytes and glioma cells. <i>Oncogene</i> , <b>2007</b> , 26, 993-1002	9.2	163
18	Gamma-H2AX foci counting: image processing and control software for high-content screening <b>2007</b> , 6441, 424		15
17	Leukocyte DNA damage after multi-detector row CT: a quantitative biomarker of low-level radiation exposure. <i>Radiology</i> , <b>2007</b> , 242, 244-51	20.5	191
16	Radiation-induced transgenerational alterations in genome stability and DNA damage. <i>Oncogene</i> , <b>2006</b> , 25, 7336-42	9.2	113
15	A double-strand break repair defect in ATM-deficient cells contributes to radiosensitivity. <i>Cancer Research</i> , <b>2004</b> , 64, 500-8	10.1	293
14	Enhanced fidelity for rejoining radiation-induced DNA double-strand breaks in the G2 phase of Chinese hamster ovary cells. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, 2677-84	20.1	28

13	Different Means to an End: DNA Double-Strand Break Repair <b>2004</b> , 179-186		1
12	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> , <b>2003</b> , 100, 5057-62	11.5	1295
11	Pathways of DNA double-strand break repair during the mammalian cell cycle. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 5706-15	4.8	940
10	Misrepair of radiation-induced DNA double-strand breaks and its relevance for tumorigenesis and cancer treatment (Review) <b>2002</b> , 21, 433		11
9	Physical and biological parameters affecting DNA double strand break misrejoining in mammalian cells. <i>Radiation Protection Dosimetry</i> , <b>2002</b> , 99, 129-32	0.9	12
8	Misrepair of radiation-induced DNA double-strand breaks and its relevance for tumorigenesis and cancer treatment (review). <i>International Journal of Oncology</i> , <b>2002</b> , 21, 433-40	1	20
7	Radiation-induced genomic rearrangements formed by nonhomologous end-joining of DNA double-strand breaks. <i>Cancer Research</i> , <b>2001</b> , 61, 3886-93	10.1	96
6	Joining of correct and incorrect DNA double-strand break ends in normal human and ataxia telangiectasia fibroblasts. <i>Genes Chromosomes and Cancer</i> , <b>2000</b> , 27, 59-68	5	53
5	Comments on the Paper [No Detectable Misrejoining in Double-Minute Chromosomes] by Nevaldine et al. ( <i>Radiat. Res.</i> 152, 1541-159, 1999). <i>Radiation Research</i> , <b>2000</b> , 153, 239-240	3.1	
4	Formation and repair of DNA double-strand breaks in gamma-irradiated K562 cells undergoing erythroid differentiation. <i>Mutation Research DNA Repair</i> , <b>2000</b> , 461, 71-82		13
3	No dose-dependence of DNA double-strand break misrejoining following alpha-particle irradiation. <i>International Journal of Radiation Biology</i> , <b>2000</b> , 76, 891-900	2.9	44
2	Joining of correct and incorrect DNA double-strand break ends in normal human and ataxia telangiectasia fibroblasts. <i>Genes Chromosomes and Cancer</i> , <b>2000</b> , 27, 59-68	5	13
1	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> , <b>1999</b> , 433, 193-205		34