

Halina Lisowska

List of Publications by Year in descending order

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35
papers

1,574
citations

623734

14
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2644
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothermia differentially modulates the formation and decay of NBS1, γ -H2AX and 53BP1 foci in U2OS cells exposed to gamma radiation. <i>Scientific Reports</i> , 2022, 12, 5878.	3.3	1
2	Small is beautiful: low activity alpha and gamma sources for small-scale radiation protection research experiments. <i>International Journal of Radiation Biology</i> , 2021, 97, 541-552.	1.8	1
3	Coralyne Radiosensitizes A549 Cells by Upregulation of CDKN1A Expression to Attenuate Radiation Induced G2/M Block of the Cell Cycle. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5791.	4.1	4
4	Cisplatin Reduces the Frequencies of Radiotherapy-Induced Micronuclei in Peripheral Blood Lymphocytes of Patients with Gynaecological Cancer: Possible Implications for the Risk of Second Malignant Neoplasms. <i>Cells</i> , 2021, 10, 2709.	4.1	3
5	Alpha Radiation as a Way to Target Heterochromatic and Gamma Radiation-Exposed Breast Cancer Cells. <i>Cells</i> , 2020, 9, 1165.	4.1	11
6	Biological effectiveness of very high gamma dose rate and its implication for radiological protection. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 451-460.	1.4	10
7	Impact of ATM and DNA-PK Inhibition on Gene Expression and Individual Response of Human Lymphocytes to Mixed Beams of Alpha Particles and X-Rays. <i>Cancers</i> , 2019, 11, 2013.	3.7	10
8	Biological effects of mixed-ion beams. Part 2: The relative biological effectiveness of CHO-K1 cells irradiated by mixed- and single-ion beams. <i>Applied Radiation and Isotopes</i> , 2019, 150, 192-198.	1.5	0
9	Hypothermia modulates the DNA damage response to ionizing radiation in human peripheral blood lymphocytes. <i>International Journal of Radiation Biology</i> , 2018, 94, 551-557.	1.8	14
10	Analysis of Chromatin Opening in Heterochromatic Non-Small Cell Lung Cancer Tumor-Initiating Cells in Relation to DNA-Damaging Antitumor Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 174-187.	0.8	6
11	Simultaneous induction of dispersed and clustered DNA lesions compromises DNA damage response in human peripheral blood lymphocytes. <i>PLoS ONE</i> , 2018, 13, e0204068.	2.5	22
12	Biological effects of mixed-ion beams. Part 1: Effect of irradiation of the CHO-K1 cells with a mixed-ion beam containing the carbon and oxygen ions. <i>Applied Radiation and Isotopes</i> , 2018, 139, 304-309.	1.5	2
13	A comparative analysis of in vitro toxicity of diesel exhaust particles from combustion of 1st- and 2nd-generation biodiesel fuels in relation to their physicochemical properties—the FuelHealth project. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19357-19374.	5.3	36
14	Defining Blood Processing Parameters for Optimal Detection of γ -H2AX Foci: A Small Blood Volume Method. <i>Radiation Research</i> , 2015, 184, 95-104.	1.5	9
15	Modulation of radiation-induced cytogenetic damage in human peripheral blood lymphocytes by hypothermia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 793, 96-100.	1.7	9
16	Effect of hypothermia on radiation-induced micronuclei and delay of cell cycle progression in TK6 cells. <i>International Journal of Radiation Biology</i> , 2014, 90, 318-324.	1.8	14
17	Investigation of the bystander effect in CHO-K1 cells. <i>Reports of Practical Oncology and Radiotherapy</i> , 2014, 19, S37-S41.	0.6	5
18	Effect of surface modification of silica nanoparticles on toxicity and cellular uptake by human peripheral blood lymphocytes <i>in vitro</i> . <i>Nanotoxicology</i> , 2013, 7, 235-250.	3.0	83

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19	Individual variations in the micronucleus assay for biological dosimetry after high dose exposure. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 756, 196-200.	1.7	14
20	The dose-response relationship for dicentric chromosomes and γ -H2AX foci in human peripheral blood lymphocytes: Influence of temperature during exposure and intra- and inter-individual variability of donors. <i>International Journal of Radiation Biology</i> , 2013, 89, 191-199.	1.8	16
21	The properties of chitosan complexes with smooth and rough forms of lipopolysaccharides on CHO-K1 cells. <i>Carbohydrate Polymers</i> , 2013, 97, 284-292.	10.2	7
22	The effect of agglomeration state of silver and titanium dioxide nanoparticles on cellular response of HepG2, A549 and THP-1 cells. <i>Toxicology Letters</i> , 2012, 208, 197-213.	0.8	207
23	Clinical Investigations Comparative analysis of three functional predictive assays in lymphocytes of patients with breast and gynaecological cancer treated by radiotherapy. <i>Journal of Contemporary Brachytherapy</i> , 2012, 4, 219-226.	0.9	11
24	Radioprotective effect of hypothermia on cells – a multiparametric approach to delineate the mechanisms. <i>International Journal of Radiation Biology</i> , 2012, 88, 507-514.	1.8	20
25	Radiation-induced DNA damage and repair in human γ and β T-lymphocytes analysed by the alkaline comet assay. <i>Genome Integrity</i> , 2010, 1, 8.	1.0	4
26	Chromosomal Radiosensitivity in Lymphocytes of Cervix Cancer Patients – Correlation with Side Effect after Radiotherapy. , 2010, , .		0
27	FociCounter: A freely available PC programme for quantitative and qualitative analysis of gamma-H2AX foci. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 696, 16-20.	1.7	61
28	Biological effectiveness of ^{12}C and ^{20}Ne ions with very high LET. <i>International Journal of Radiation Biology</i> , 2008, 84, 821-829.	1.8	15
29	A comet assay study reveals that aluminium induces DNA damage and inhibits the repair of radiation-induced lesions in human peripheral blood lymphocytes. <i>Toxicology Letters</i> , 2006, 161, 27-36.	0.8	113
30	Enhanced chromosomal radiosensitivity in peripheral blood lymphocytes of larynx cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1245-1252.	0.8	20
31	DNA interstrand crosslinks are induced in cells prelabelled with 5-bromo-2-deoxyuridine and exposed to UVC radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 84, 15-20.	3.8	17
32	Cytogenetic damage in lymphocytes of patients undergoing therapy for small cell lung cancer and ovarian carcinoma. <i>Toxicology and Applied Pharmacology</i> , 2005, 209, 183-191.	2.8	25
33	Aluminum-induced micronuclei and apoptosis in human peripheral-blood lymphocytes treated during different phases of the cell cycle. <i>Environmental Toxicology</i> , 2005, 20, 402-406.	4.0	96
34	DNA damage and repair in human peripheral blood lymphocytes following treatment with microcystin-LR. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 559, 131-142.	1.7	68
35	A cross-platform public domain PC image-analysis program for the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 534, 15-20.	1.7	640