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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	A cross-platform public domain PC image-analysis program for the comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 534, 15-20.	1.7	640
2	The effect of agglomeration state of silver and titanium dioxide nanoparticles on cellular response of HepG2, A549 and THP-1 cells. Toxicology Letters, 2012, 208, 197-213.	0.8	207
3	A comet assay study reveals that aluminium induces DNA damage and inhibits the repair of radiation-induced lesions in human peripheral blood lymphocytes. Toxicology Letters, 2006, 161, 27-36.	0.8	113
4	Aluminum-induced micronuclei and apoptosis in human peripheral-blood lymphocytes treated during different phases of the cell cycle. Environmental Toxicology, 2005, 20, 402-406.	4.0	96
5	Effect of surface modification of silica nanoparticles on toxicity and cellular uptake by human peripheral blood lymphocytes in vitro. Nanotoxicology, 2013, 7, 235-250.	3.0	83
6	DNA damage and repair in human peripheral blood lymphocytes following treatment with microcystin-LR. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 559, 131-142.	1.7	68
7	FociCounter: A freely available PC programme for quantitative and qualitative analysis of gamma-H2AX foci. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 696, 16-20.	1.7	61
8	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 propertiesâ€"the FuelHealth project. Environmental Science and Pollution Research, 2017, 24, 19357-19374.	5.3	36
9	Cytogenetic damage in lymphocytes of patients undergoing therapy for small cell lung cancer and ovarian carcinoma. Toxicology and Applied Pharmacology, 2005, 209, 183-191.	2.8	25
10	Simultaneous induction of dispersed and clustered DNA lesions compromises DNA damage response in human peripheral blood lymphocytes. PLoS ONE, 2018, 13, e0204068.	2.5	22
11	Enhanced chromosomal radiosensitivity in peripheral blood lymphocytes of larynx cancer patients. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1245-1252.	0.8	20
12	Radioprotective effect of hypothermia on cells â€“ a multiparametric approach to delineate the mechanisms. International Journal of Radiation Biology, 2012, 88, 507-514.	1.8	20
13	DNA interstrand crosslinks are induced in cells prelabelled with 5-bromo-2â€²-deoxyuridine and exposed to UVC radiation. Journal of Photochemistry and Photobiology B: Biology, 2006, 84, 15-20.	3.8	17
14	The dose-response relationship for dicentric chromosomes and Î³-H2AX foci in human peripheral blood lymphocytes: Influence of temperature during exposure and intra- and inter-individual variability of donors. International Journal of Radiation Biology, 2013, 89, 191-199.	1.8	16
15	Biological effectiveness of12C and20Ne ions with very high LET. International Journal of Radiation Biology, 2008, 84, 821-829.	1.8	15
16	Individual variations in the micronucleus assay for biological dosimetry after high dose exposure. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 196-200.	1.7	14
17	Effect of hypothermia on radiation-induced micronuclei and delay of cell cycle progression in TK6 cells. International Journal of Radiation Biology, 2014, 90, 318-324.	1.8	14
18	Hypothermia modulates the DNA damage response to ionizing radiation in human peripheral blood lymphocytes. International Journal of Radiation Biology, 2018, 94, 551-557.	1.8	14

#	Article	IF	Citations
19	Clinical Investigations Comparative analysis of three functional predictive assays in lymphocytes of patients with breast and gynaecological cancer treated by radiotherapy. Journal of Contemporary Brachytherapy, 2012, 4, 219-226.	0.9	11
20	Alpha Radiation as a Way to Target Heterochromatic and Gamma Radiation-Exposed Breast Cancer Cells. Cells, 2020, 9, 1165.	4.1	11
21	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. Cancers, 2019, 11, 2013.	3.7	10
22	Biological effectiveness of very high gamma dose rate and its implication for radiological protection. Radiation and Environmental Biophysics, 2020, 59, 451-460.	1.4	10
23	Defining Blood Processing Parameters for Optimal Detection of Î³-H2AX Foci: A Small Blood Volume Method. Radiation Research, 2015, 184, 95-104.	1.5	9
24	Modulation of radiation-induced cytogenetic damage in human peripheral blood lymphocytes by hypothermia. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 793, 96-100.	1.7	9
25	The properties of chitosan complexes with smooth and rough forms of lipopolysaccharides on CHO-K1 cells. Carbohydrate Polymers, 2013, 97, 284-292.	10.2	7
26	Analysis of Chromatin Opening in Heterochromatic Non-Small Cell Lung Cancer Tumor-Initiating Cells in Relation to DNA-Damaging Antitumor Treatment. International Journal of Radiation Oncology Biology Physics, 2018, 100, 174-187.	0.8	6
27	Investigation of the bystander effect in CHO-K1 cells. Reports of Practical Oncology and Radiotherapy, 2014, 19, S37-S41.	0.6	5
28	Radiation-induced DNA damage and repair in human Î³Î´ and Î±Î² T-lymphocytes analysed by the alkaline comet assay. Genome Integrity, 2010, 1, 8.	1.0	4
29	Coralyne Radiosensitizes A549 Cells by Upregulation of CDKN1A Expression to Attenuate Radiation Induced G2/M Block of the Cell Cycle. International Journal of Molecular Sciences, 2021, 22, 5791.	4.1	4
30	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. Cells, 2021, 10, 2709.	4.1	3
31	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. Applied Radiation and Isotopes, 2018, 139, 304-309.	1.5	2
32	Small is beautiful: low activity alpha and gamma sources for small-scale radiation protection research experiments. International Journal of Radiation Biology, 2021, 97, 541-552.	1.8	1
33	Hypothermia differentially modulates the formation and decay of NBS1, Î³H2AX and 53BP1 foci in U2OS cells exposed to gamma radiation. Scientific Reports, 2022, 12, 5878.	3.3	1
34	Chromosomal Radiosensitivity in Lymphocytes of Cervix Cancer Patientsâ€"Correlation with Side Effect after Radiotherapy. , 2010, , .		0
35	Biological effects of mixed-ion beams. Part 2: The relative biological effectiveness of CHO-K1 cells irradiated by mixed- and single-ion beams. Applied Radiation and Isotopes, 2019, 150, 192-198.	1.5	0