Andrzej Wojcik

List of Publications by Year
in descending order

74 papers	1,658 citations	331670 21 h-index	330143 37 g-index
75 all docs	75 docs citations	75 times ranked	1459 citing authors

#	Article	IF	Citations
1	Reflections on effects of low doses and risk inference based on the UNSCEAR 2021 report on â€˜biological mechanisms relevant for the inference of cancer risks from low-dose and low-dose-rate radiationâ€™. Journal of Radiological Protection, 2022, 42, 023501.	1.1	6
2	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
3	Summary of the 2021 ICRP workshop on the future of radiological protection. Journal of Radiological Protection, 2022, 42, 023002.	1.1	6
4	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
5	RENEB Inter-Laboratory comparison 2017: limits and pitfalls of ILCs. International Journal of Radiation Biology, 2021, 97, 888-905.	1.8	13
6	Socioscientific Issues in Science Education: An opportunity to Incorporate Education about Risk and Risk Analysis?. Risk Analysis, 2021, 41, 2209-2219.	2.7	7
7	RENEB/EURADOS field exercise 2019: robust dose estimation under outdoor conditions based on the dicentric chromosome assay. International Journal of Radiation Biology, 2021, 97, 1181-1198.	1.8	17
8	Smoking Kills: The Revolutionary Life of Richard Doll by Conrad Keating. Paperbackâ€”18 July 2014. Journal of Radiological Protection, 2021, 41, 606-607.	1.1	1
9	Analysis of the Applicability of microRNAs in Peripheral Blood Leukocytes as Biomarkers of Sensitivity and Exposure to Fractionated Radiotherapy towards Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 8705.	4.1	3
10	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
11	Prediction of the Acute or Late Radiation Toxicity Effects in Radiotherapy Patients Using Ex Vivo Induced Biodosimetric Markers: A Review. Journal of Personalized Medicine, 2020, 10, 285.	2.5	12
12	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
13	Monte Carlo dosimetry using Fluka code and experimental dosimetry with Gafchromic EBT2 and XR-RV3 of self-built experimental setup for radiobiological studies with low-energy X-rays. International Journal of Radiation Biology, 2020, 96, 718-733.	1.8	2
14	Analysis of elements secreted by CHO-K1 cells exposed to gamma radiation under different treatments. International Journal of Radiation Biology, 2020, 96, 469-481.	1.8	0
15	Monte Carlo Modeling of DNA Lesions and Chromosomal Aberrations Induced by Mixed Beams of Alpha Particles and X-Rays. Frontiers in Physics, 2020, 8, .	2.1	6
16	Precision of scoring radiation-induced chromosomal aberrations and micronuclei by unexperienced scorers. International Journal of Radiation Biology, 2019, 95, 1251-1258.	1.8	4
17	Teaching and discussing about risk: seven elements of potential significance for science education. International Journal of Science Education, 2019, 41, 1271-1286.	1.9	22
18	Educating about radiation risks in high schools: towards improved public understanding of the complexity of low-dose radiation health effects. Radiation and Environmental Biophysics, 2019, 58, 13-20.	1.4	13

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19	Radiation protection biology then and now. International Journal of Radiation Biology, 2019, 95, 841-850.	1.8	17
20	Reply to Comment on â€˜Considerations on the use of the terms radiosensitivity and radiosusceptibilityâ€™. Journal of Radiological Protection, 2019, 39, 313-313.	1.1	0
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	CALIBRATION OF LOW ENERGY X-RAY EXPERIMENTAL SETUP WITH STRONGLY FILTERED BEAM USING DATA FROM A SEMICONDUCTOR AND A THERMOLUMINESCENT DETECTORS. Radiation Protection Dosimetry, 2019, 185, 266-273.	0.8	2
23	Funding for radiation research: past, present and future. International Journal of Radiation Biology, 2019, 95, 816-840.	1.8	17
24	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
25	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
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	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
28	Considerations on the use of the terms radiosensitivity and radiosusceptibility. Journal of Radiological Protection, 2018, 38, N25-N29.	1.1	9
29	Live Dynamics of 53BP1 Foci Following Simultaneous Induction of Clustered and Dispersed DNA Damage in U2OS Cells. International Journal of Molecular Sciences, 2018, 19, 519.	4.1	31
30	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
31	The RENEB operational basis: complement of established biodosimetric assays. International Journal of Radiation Biology, 2017, 93, 15-19.	1.8	26
32	Dose assessment intercomparisons within the RENEB network using G₀-lymphocyte prematurely condensed chromosomes (PCC assay). International Journal of Radiation Biology, 2017, 93, 48-57.	1.8	38
33	Alpha Particles and X Rays Interact in Inducing DNA Damage in U2OS Cells. Radiation Research, 2017, 188, 400.	1.5	15
34	Investigation of the influence of calibration practices on cytogenetic laboratory performance for dose estimation. International Journal of Radiation Biology, 2017, 93, 118-126.	1.8	22
35	RENEB â€“ Running the European Network of biological dosimetry and physical retrospective dosimetry. International Journal of Radiation Biology, 2017, 93, 2-14.	1.8	52
36	RENEB intercomparisons applying the conventional Dicentric Chromosome Assay (DCA). International Journal of Radiation Biology, 2017, 93, 20-29.	1.8	77

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37	Web based scoring is useful for validation and harmonisation of scoring criteria within RENEB. International Journal of Radiation Biology, 2017, 93, 110-117.	1.8	16
38	RENEB intercomparison exercises analyzing micronuclei (Cytokinesis-block Micronucleus Assay). International Journal of Radiation Biology, 2017, 93, 36-47.	1.8	49
39	RENEB accident simulation exercise. International Journal of Radiation Biology, 2017, 93, 75-80.	1.8	10
40	RENEB biodosimetry intercomparison analyzing translocations by FISH. International Journal of Radiation Biology, 2017, 93, 30-35.	1.8	22
41	Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans â€“ joint RENEB and EURADOS inter-laboratory comparisons. International Journal of Radiation Biology, 2017, 93, 99-109.	1.8	48
42	The harmonization process to set up and maintain an operational biological and physical retrospective dosimetry network: QA QM applied to the RENEB network. International Journal of Radiation Biology, 2017, 93, 81-86.	1.8	12
43	Interaction of low and high LET radiation in TK6 cellsâ€”mechanistic aspects and significance for radiation protection. Journal of Radiological Protection, 2016, 36, 721-735.	1.1	16
44	Radiation Protection and Dose Optimisation. , 2016, , .		0
45	Operational guidance for radiation emergency response organisations in Europe for using biodosimetric tools developed in EU MULTIBIODOSE project. Radiation Protection Dosimetry, 2015, 164, 165-169.	0.8	46
46	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
47	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
48	Inter- and intra-laboratory comparison of a multibiodosimetric approach to triage in a simulated, large scale radiation emergency. International Journal of Radiation Biology, 2014, 90, 193-202.	1.8	44
49	Mutations and chromosomal aberrations in hMTH1-transfected and non-transfected TK6 cells after exposure to low dose rates of gamma radiation. Radiation and Environmental Biophysics, 2014, 53, 417-425.	1.4	11
50	Radiation-induced Changes in Levels of Selected Proteins in Peripheral Blood Serum of Breast Cancer Patients as a Potential Triage Biodosimeter for Large-scale Radiological Emergencies. Health Physics, 2014, 107, 555-563.	0.5	10
51	Radiation-induced stress response in peripheral blood of breast cancer patients differs between patients with severe acute skin reactions and patients with no side effects to radiotherapy. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 152-157.	1.7	22
52	Complex aberrations in lymphocytes exposed to mixed beams of 241Am alpha particles and X-rays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 95-100.	1.7	16
53	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
54	Quantitative proteomic analysis reveals induction of premature senescence in human umbilical vein endothelial cells exposed to chronic low-dose rate gamma radiation. Proteomics, 2013, 13, 1096-1107.	2.2	102

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55	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
56	Micronuclei in human peripheral blood lymphocytes exposed to mixed beams of X-rays and alpha particles. Radiation and Environmental Biophysics, 2012, 51, 283-293.	1.4	28
57	Characterisation of a setup for mixed beam exposures of cells to 241Am alpha particles and X-rays. Radiation Protection Dosimetry, 2012, 151, 570-579.	0.8	19
58	Gamma-H2AX foci in cells exposed to a mixed beam of X-rays and alpha particles. Genome Integrity, 2012, 3, 8.	1.0	39
59	In vivo versus in vitro individual radiosensitivity analysed in healthy donors and in prostate cancer patients with and without severe side effects after radiotherapy. International Journal of Radiation Biology, 2012, 88, 405-413.	1.8	46
60	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
61	A new device to expose cells to changing dose rates of ionising radiation. Radiation Protection Dosimetry, 2012, 148, 366-371.	0.8	9
62	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
63	Biological dosimetry for triage of casualties in a large-scale radiological emergency:capacity of the EU member states. Radiation Protection Dosimetry, 2010, 138, 397-401.	0.8	41
64	The yield of radiation-induced micronuclei in early and late-arising binucleated cells depends on radiation quality. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 701, 80-85.	1.7	19
65	Cytogenetic Damage in Cells Exposed to Ionizing Radiation under Conditions of a Changing Dose Rate. Radiation Research, 2010, 173, 283-289.	1.5	21
66	Human exposure to high natural background radiation: what can it teach us about radiation risks?. Journal of Radiological Protection, 2009, 29, A29-A42.	1.1	226
67	Effect of temperature during irradiation on the level of micronuclei in human peripheral blood lymphocytes exposed to X-rays and neutrons. International Journal of Radiation Biology, 2009, 85, 891-899.	1.8	13
68	CABAS: a freely available PC program for fitting calibration curves in chromosome aberration dosimetry. Radiation Protection Dosimetry, 2007, 124, 115-123.	0.8	82
69	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
70	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
71	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
72	Chromosomal Aberrations and Micronuclei In Lymphocytes of Breast Cancer Patients after an Accident during Radiotherapy with 8 MeV Electrons1. Radiation Research, 2003, 160, 677-683.	1.5	18

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73	The current status of the adaptive response to ionizing radiation in mammalian cells. Human and Ecological Risk Assessment (HERA), 2000, 6, 281-300.	3.4	12
74	Facts and values in studentsâ€™ reasoning about gene technology in the frame of risk â€“ a thick comprehension. Environmental Education Research, 0, , 1-14.	2.9	0