

Friedo ZÄglzer

List of Publications by Year in descending order

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63
papers

994
citations

471509

17
h-index

454955

30
g-index

64
all docs

64
docs citations

64
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of empathy in ethics of radiological protection. Journal of Radiological Protection, 2022, 42, 014002.	1.1	1
2	Solar Ultraviolet Radiation Risk Estimates—A Comparison of Different Action Spectra and Detector Responsivities. International Journal of Environmental Research and Public Health, 2021, 18, 4887.	2.6	5
3	Assessment of the radiological situation in different areas affected by uranium mining and uranium processing in the Czech Republic. Nuclear Technology and Radiation Protection, 2021, 36, 139-149.	0.8	0
4	Empathy as an ethical principle for environmental health. Science of the Total Environment, 2020, 705, 135922.	8.0	6
5	Incidence of spontaneous abortions and congenital anomalies in the vicinity of a uranium processing plant. Central European Journal of Public Health, 2020, 28, 44-47.	1.1	2
6	Towards a strategic research agenda for social sciences and humanities in radiological protection. Journal of Radiological Protection, 2019, 39, 766-784.	1.1	17
7	Effective Doses of Employees at the Former Uranium Processing Plant MAPE Mydlovary, Czechoslovakia. Radiation Protection Dosimetry, 2017, 175, 171-177.	0.8	1
8	Approach of social institutions to preparedness for emergency. Kontakt, 2017, 19, e57-e66.	0.2	2
9	Radioactivity in mushrooms from selected locations in the Bohemian Forest, Czech Republic. Radiation and Environmental Biophysics, 2017, 56, 167-175.	1.4	9
10	Micronucleus frequency and content in healthy relatives of cancer patients. Biomarkers, 2017, 22, 1-7.	1.9	4
11	Adaptation of the human population to the environment: Current knowledge, clues from Czech cytogenetic and "omics" biomonitoring studies and possible mechanisms. Mutation Research - Reviews in Mutation Research, 2017, 773, 188-203.	5.5	19
12	Mapping the factors affecting the frequency and types of micronuclei in an elderly population from Southern Bohemia. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2016, 793-794, 32-40.	1.0	14
13	Pragmatic ethical basis for radiation protection in diagnostic radiology. British Journal of Radiology, 2016, 89, 20150713.	2.2	20
14	Analysis of Genetic Damage in Lymphocytes of Former Uranium Processing Workers. Cytogenetic and Genome Research, 2015, 147, 17-23.	1.1	13
15	Evacuation in case of a nuclear power plant accident - discussion of some ethical questions. Kontakt, 2015, 17, e177-e182.	0.2	0
16	The radiological situation around the former uranium processing plant MAPE Mydlovary, Czech Republic. Nuclear Technology and Radiation Protection, 2015, 30, 132-138.	0.8	3
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	G2-block after irradiation of cells with different p53 status. Strahlentherapie Und Onkologie, 2014, 190, 1075-1079.	2.0	6

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19	Differential S-phase progression after irradiation of p53 functional versus non-functional tumour cells. <i>Radiology and Oncology</i> , 2014, 48, 354-360.	1.7	1
20	Micronuclei in lymphocytes from radon spa personnel in the Czech Republic. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 629-633.	2.3	14
21	A Cross-Cultural Approach to Radiation Ethics. <i>Radioactivity in the Environment</i> , 2013, , 53-70.	0.2	9
22	Environmental health: acute problems. <i>Kontakt</i> , 2013, 15, 190-202.	0.2	1
23	Micronuclei in lymphocytes from currently active uranium miners. <i>Radiation and Environmental Biophysics</i> , 2012, 51, 277-282.	1.4	15
24	Indicators of oxidative stress after ionizing and/or non-ionizing radiation: Superoxid dismutase and malondialdehyde. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 111-114.	3.8	20
25	Persistence of Genetic Damage in Lymphocytes from Former Uranium Miners. <i>Cytogenetic and Genome Research</i> , 2012, 136, 288-294.	1.1	18
26	Enhanced frequency of micronuclei in lymphocytes from current as opposed to former uranium miners. <i>Journal of Applied Biomedicine</i> , 2011, 9, 151-156.	1.7	8
27	Chromatin-bound PCNA as S-phase marker in mononuclear blood cells of patients with acute lymphoblastic leukaemia or multiple myeloma. <i>Cell Proliferation</i> , 2010, 43, 579-583.	5.3	8
28	Childhood leukaemia in the vicinity of German nuclear power plants - some missing links. <i>Journal of Applied Biomedicine</i> , 2010, 8, 67-72.	1.7	3
29	The Assessments of the Intracellular Antioxidant Protection of the Organism after LLLT Irradiation. <i>AIP Conference Proceedings</i> , 2009, , .	0.4	1
30	Similar Extent of Apoptosis Induction at Doses of X-Rays and Neutrons Isoeffective for Cell Inactivation. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 270-275.	2.0	3
31	Relative Biological Effectiveness of 6 MeV Neutrons with Respect to Cell Inactivation and Disturbances of the G1Phase. <i>Radiation Research</i> , 2008, 169, 207-213.	1.5	4
32	Mutation induction in haploid yeast after split-dose radiation exposure. II. Combination of UV-irradiation and X-rays. <i>Environmental and Molecular Mutagenesis</i> , 2004, 43, 28-35.	2.2	5
33	Effects of Serum Starvation on Radiosensitivity, Proliferation and Apoptosis in Four Human Tumor Cell Lines with Different p53 Status. <i>Strahlentherapie Und Onkologie</i> , 2003, 179, 99-106.	2.0	23
34	Increased radiosensitivity with chronic hypoxia in four human tumor cell lines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 910-920.	0.8	77
35	p53 Levels, Cell Cycle Kinetics and Radiosensitivity in Two SV40 Transformed Wi38VA13 Fibroblast Strains. <i>Strahlentherapie Und Onkologie</i> , 2001, 177, 662-669.	2.0	8
36	Heterogeneity in 2-deoxy-D-glucose-induced modifications in energetics and radiation responses of human tumor cell lines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 1051-1061.	0.8	80

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37	G2-Phase Delays after Irradiation and/or Heat Treatment as Assessed by Two-Parameter Flow Cytometry. <i>Radiation Research</i> , 2001, 155, 50-56.	1.5	15
38	A comparison of the potential therapeutic gain of p(66)/Be neutrons and d(14)/Be neutrons. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 47, 1059-1065.	0.8	18
39	Radiation and/or hyperthermia sensitivity of human melanoma cells after several days of incubation in media lacking serum or certain serum components. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 491-497.	0.8	1
40	Arginine deiminase inhibits proliferation of human leukemia cells more potently than asparaginase by inducing cell cycle arrest and apoptosis. <i>Leukemia</i> , 2000, 14, 826-829.	7.2	122
41	Quiescent S-phase cells as indicators of extreme physiological conditions in human tumor xenografts. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 45, 1019-1024.	0.8	11
42	Radiation and/or Hyperthermia Sensitivity of Human Melanoma Cells Grown for Several Days in Media with Reduced pH. <i>Strahlentherapie Und Onkologie</i> , 1999, 175, 325-332.	2.0	13
43	In vitro studies on the cellular uptake of melanoma imaging aminoalkyl-iodobenzamide derivatives (ABA). <i>Nuclear Medicine and Biology</i> , 1999, 26, 51-56.	0.6	28
44	Arginine Deiminase Inhibits Cell Proliferation by Arresting Cell Cycle and Inducing Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1999, 261, 10-14.	2.1	76
45	Analysis of DNA damage recovery processes in the adaptive response to ionizing radiation in human lymphocytes. <i>Mutagenesis</i> , 1996, 11, 291-297.	2.6	40
46	Cell Cycle-Dependent Expression of Ki-67 Antigen in Human Melanoma Cells Subjected to Irradiation and/or Hyperthermia. <i>Radiation Research</i> , 1995, 143, 98.	1.5	6
47	Evidence for quiescent S- and G2-phase cells in human colorectal carcinomas: a flow cytometric study with the Ki-67 antibody. <i>Cell Proliferation</i> , 1995, 28, 313-327.	5.3	12
48	Changes in S-phase fraction and micronucleus frequency as prognostic factors in radiotherapy of cervical carcinoma. <i>Radiotherapy and Oncology</i> , 1995, 36, 128-132.	0.6	23
49	Radiation induced G1-block and p53 status in six human cell lines. <i>Radiotherapy and Oncology</i> , 1995, 37, 20-28.	0.6	47
50	A comparison of different methods to determine cell proliferation by flow cytometry. <i>Cell Proliferation</i> , 1994, 27, 685-694.	5.3	15
51	Determination of Potential Doubling Times in Human Melanoma Cell Cultures Subjected to Irradiation and/or Hyperthermia by Flow Cytometry. <i>Radiation Research</i> , 1994, 138, 451.	1.5	9
52	Inactivation and mutation induction to 6-thioguanine resistance in V79 Chinese hamster fibroblasts by 313 nm radiation: Some problems of action spectroscopy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 18, 81-85.	3.8	1
53	Photoreactivation of DNA synthetic activity in human embryo fibroblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 18, 87-89.	3.8	3
54	Risk estimates for UV-B-enhanced solar radiation. <i>Die Naturwissenschaften</i> , 1993, 80, 462-465.	1.6	3

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55	Induction of Quiescent S-phase Cells by Irradiation and/or Hyperthermia. I. Time and Dose Dependence. International Journal of Radiation Biology, 1993, 63, 69-76.	1.8	25
56	Induction of Quiescent S-phase Cells by Irradiation and/or Hyperthermia. II. Correlation with Colony Forming Ability. International Journal of Radiation Biology, 1993, 63, 77-82.	1.8	15
57	Flow Cytometric Analysis of Colorectal Mucosa from Patients with Crohn's Disease, Ulcerative Colitis and Cancer. Oncology, 1992, 49, 358-362.	1.9	1
58	Changes in cell cycle distribution of V79 Chinese hamster fibroblasts after irradiation at different wavelengths. Journal of Photochemistry and Photobiology B: Biology, 1991, 9, 171-179.	3.8	4
59	Mutation induction in haploid yeast after split-dose radiation-exposure. Radiation and Environmental Biophysics, 1989, 28, 101-111.	1.4	2
60	INACTIVATION AND MUTATION INDUCTION TO 6-THIOGUANINE RESISTANCE IN V79 HAMSTER FIBROBLASTS BY SIMULATED SUNLIGHT. Photochemistry and Photobiology, 1988, 47, 399-404.	2.5	5
61	Increased mutant induction by very low dose-rate γ -irradiation. Die Naturwissenschaften, 1985, 72, 439-440.	1.6	23
62	WAVELENGTH DEPENDENCE OF INACTIVATION AND MUTATION INDUCTION TO 6-THIOGUANINE RESISTANCE IN V79 CHINESE HAMSTER FIBROBLASTS. Photochemistry and Photobiology, 1984, 40, 49-53.	2.5	21
63	WAVELENGTH DEPENDENCE OF INACTIVATION and MUTAGENESIS IN HAPLOID YEAST CELLS OF DIFFERENT SENSITIVITIES. Photochemistry and Photobiology, 1983, 37, 39-48.	2.5	15