

Agnieszka Panek

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

327
citations

1040056

9
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupational exposure to mercury vapour on genotoxicity and DNA repair. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 586, 102-114.	1.7	77
2	Influence of environmental exposure to PAHs on the susceptibility of lymphocytes to DNA-damage induction and on their repair capacity. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 588, 73-81.	1.7	36
3	Lipid droplets in prostate cancer cells and effect of irradiation studied by Raman microspectroscopy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158753.	2.4	31
4	Exposure to environmental polycyclic aromatic hydrocarbons: Influences on cellular susceptibility to DNA damage (sampling KoÅ¡ice and Sofia). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 145-154.	1.0	23
5	Do protons and X-rays induce cell-killing in human peripheral blood lymphocytes by different mechanisms?. <i>Clinical and Translational Radiation Oncology</i> , 2018, 9, 23-29.	1.7	22
6	Exploring subcellular responses of prostate cancer cells to X-ray exposure by Raman mapping. <i>Scientific Reports</i> , 2019, 9, 8715.	3.3	19
7	Response of human lymphocytes to proton radiation of 60MeV compared to 250kV X-rays by the cytokinesis-block micronucleus assay. <i>Radiotherapy and Oncology</i> , 2015, 115, 128-134.	0.6	18
8	Increased elasticity of melanoma cells after low-LET proton beam due to actin cytoskeleton rearrangements. <i>Scientific Reports</i> , 2019, 9, 7008.	3.3	14
9	Biological effects and inter-individual variability in peripheral blood lymphocytes of healthy donors exposed to 60â€‰%MeV proton radiotherapeutic beam. <i>International Journal of Radiation Biology</i> , 2018, 94, 1085-1094.	1.8	9
10	Structure and Biological Properties of Surface-Engineered Carbon Nanofibers. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-14.	2.7	9
11	Assessment of the nuclear medicine personnel occupational exposure to radioiodine. <i>European Journal of Radiology</i> , 2019, 121, 108712.	2.6	9
12	Nanoscale AFM-IR spectroscopic imaging of lipid heterogeneity and effect of irradiation in prostate cancer cells. <i>Nanotechnology</i> , 2019, 30, 425502.	2.6	8
13	Applications of Comet Assay for the Evaluation of Genotoxicity and DNA Repair Efficiency in Nanomaterials Research. <i>Acta Physica Polonica A</i> , 2018, 133, 280-282.	0.5	8
14	Gold Nanopeanuts as Prospective Support for Cisplatin in Glioblastoma Nano-Chemo-Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9082.	4.1	7
15	Exploring subcellular responses of prostate cancer cells to clinical doses of X-rays by Raman microspectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119653.	3.9	7
16	Surface Modification of Carbon Nanofibers to Improve Their Biocompatibility in Contact with Osteoblast and Chondrocytes Cell Lines. <i>Materials</i> , 2021, 14, 6370.	2.9	6
17	Physicochemical damage and earlyâ€‰stage biological response to Xâ€‰ray radiation studied in prostate cancer cells by Raman spectroscopy. <i>Journal of Biophotonics</i> , 2020, 13, e202000252.	2.3	5
18	Genotoxicity Study of Carbon Nanoforms using a Comet Assay. <i>Acta Physica Polonica A</i> , 2018, 133, 306-308.	0.5	5

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19	Influence of Heat Treatment of Electrospun Carbon Nanofibers on Biological Response. International Journal of Molecular Sciences, 2022, 23, 6278.	4.1	5
20	Carbon Nanofibers Coated with Silicon/Calcium-Based Compounds for Medical Application. Journal of Nanomaterials, 2019, 2019, 1-11.	2.7	3
21	Effects of 60 MeV Protons and 250 kV X-Rays on Cell Viability. Acta Physica Polonica A, 2016, 129, 222-225.	0.5	2
22	ATM and RAD51 Repair Pathways in Human Lymphocytes Irradiated with 70 MeV Therapeutic Proton Beam. Radiation Research, 2021, 197, .	1.5	2
23	Influence of Therapeutic Proton Beam on Glioblastoma Multiforme Proliferation Index "A Preliminary Study. Acta Physica Polonica A, 2020, 137, 64-69.	0.5	1
24	Genotoxicity Associated with 131I and 99mTc Exposure in Nuclear Medicine Staff: A Physical and Biological Monitoring Study. Cells, 2022, 11, 1655.	4.1	1
25	The UV-C Induced Cell Death in Human Malignant Melanoma and Normal Fibroblasts. Acta Physica Polonica A, 2016, 129, 172-173.	0.5	0
26	Therapeutic proton irradiation results in apoptosis and caspase-3 activation in human peripheral blood lymphocytes. Translational Cancer Research, 2018, 7, 879-889.	1.0	0
27	DNA REPAIR PROCESSES IN HUMAN LYMPHOCYTES IRRADIATED WITH A 60-MeV PROTON RADIOTHERAPEUTIC BEAM. , 0, , .		0
28	Application of Premature Chromosome Condensation and Dicentric Analysis in Retrospective Biological Dosimetry of Radiation Accident. Acta Physica Polonica A, 2020, 137, 24-28.	0.5	0