

# Agnieszka Panek

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

327  
citations

1170033

9  
h-index

939365

18  
g-index

28  
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28  
docs citations

28  
times ranked

578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity Associated with <sup>131</sup> I and <sup>99m</sup> Tc Exposure in Nuclear Medicine Staff: A Physical and Biological Monitoring Study. <i>Cells</i> , 2022, 11, 1655.	1.8	1
2	Influence of Heat Treatment of Electrospun Carbon Nanofibers on Biological Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6278.	1.8	5
3	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.	2.0	7
4	Surface Modification of Carbon Nanofibers to Improve Their Biocompatibility in Contact with Osteoblast and Chondrocytes Cell Lines. <i>Materials</i> , 2021, 14, 6370.	1.3	6
5	ATM and RAD51 Repair Pathways in Human Lymphocytes Irradiated with 70 MeV Therapeutic Proton Beam. <i>Radiation Research</i> , 2021, 197, .	0.7	2
6	Physicochemical damage and early-stage biological response to X-ray radiation studied in prostate cancer cells by Raman spectroscopy. <i>Journal of Biophotonics</i> , 2020, 13, e202000252.	1.1	5
7	Gold Nanoparticles as Prospective Support for Cisplatin in Glioblastoma Nano-Chemo-Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9082.	1.8	7
8	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.	1.2	31
9	Influence of Therapeutic Proton Beam on Glioblastoma Multiforme Proliferation Index "A Preliminary Study. <i>Acta Physica Polonica A</i> , 2020, 137, 64-69.	0.2	1
10	Application of Premature Chromosome Condensation and Dicentric Analysis in Retrospective Biological Dosimetry of Radiation Accident. <i>Acta Physica Polonica A</i> , 2020, 137, 24-28.	0.2	0
11	Nanoscale AFM-IR spectroscopic imaging of lipid heterogeneity and effect of irradiation in prostate cancer cells. <i>Nanotechnology</i> , 2019, 30, 425502.	1.3	8
12	Exploring subcellular responses of prostate cancer cells to X-ray exposure by Raman mapping. <i>Scientific Reports</i> , 2019, 9, 8715.	1.6	19
13	Structure and Biological Properties of Surface-Engineered Carbon Nanofibers. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-14.	1.5	9
14	Increased elasticity of melanoma cells after low-LET proton beam due to actin cytoskeleton rearrangements. <i>Scientific Reports</i> , 2019, 9, 7008.	1.6	14
15	Carbon Nanofibers Coated with Silicon/Calcium-Based Compounds for Medical Application. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-11.	1.5	3
16	Assessment of the nuclear medicine personnel occupational exposure to radioiodine. <i>European Journal of Radiology</i> , 2019, 121, 108712.	1.2	9
17	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.	0.9	22
18	Biological effects and inter-individual variability in peripheral blood lymphocytes of healthy donors exposed to 60 MeV proton radiotherapeutic beam. <i>International Journal of Radiation Biology</i> , 2018, 94, 1085-1094.	1.0	9

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19	Applications of Comet Assay for the Evaluation of Genotoxicity and DNA Repair Efficiency in Nanomaterials Research. Acta Physica Polonica A, 2018, 133, 280-282.	0.2	8
20	Genotoxicity Study of Carbon Nanoforms using a Comet Assay. Acta Physica Polonica A, 2018, 133, 306-308.	0.2	5
21	Therapeutic proton irradiation results in apoptosis and caspase-3 activation in human peripheral blood lymphocytes. Translational Cancer Research, 2018, 7, 879-889.	0.4	0
22	Effects of 60 MeV Protons and 250 kV X-Rays on Cell Viability. Acta Physica Polonica A, 2016, 129, 222-225.	0.2	2
23	The UV-C Induced Cell Death in Human Malignant Melanoma and Normal Fibroblasts. Acta Physica Polonica A, 2016, 129, 172-173.	0.2	0
24	Response of human lymphocytes to proton radiation of 60MeV compared to 250kV X-rays by the cytokinesis-block micronucleus assay. Radiotherapy and Oncology, 2015, 115, 128-134.	0.3	18
25	Exposure to environmental polycyclic aromatic hydrocarbons: Influences on cellular susceptibility to DNA damage (sampling KoÅ¡ice and Sofia). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 145-154.	0.4	23
26	Occupational exposure to mercury vapour on genotoxicity and DNA repair. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 586, 102-114.	0.9	77
27	Influence of environmental exposure to PAHs on the susceptibility of lymphocytes to DNA-damage induction and on their repair capacity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 588, 73-81.	0.9	36
28	DNA REPAIR PROCESSES IN HUMAN LYMPHOCYTES IRRADIATED WITH A 60-MeV PROTON RADIOTHERAPEUTIC BEAM. , 0, , .		0