

# Marcin Kruszewski

## List of Publications by Citations

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165  
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183  
ext. papers

5,949  
ext. citations

3.9  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
165	The comet assay: topical issues. <i>Mutagenesis</i> , <b>2008</b> , 23, 143-51	2.8	692
164	Labile iron pool: the main determinant of cellular response to oxidative stress. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2003</b> , 531, 81-92	3.3	340
163	Cytotoxic and genotoxic effects of silver nanoparticles in testicular cells. <i>Toxicology</i> , <b>2012</b> , 291, 65-72	4.4	213
162	The effect of agglomeration state of silver and titanium dioxide nanoparticles on cellular response of HepG2, A549 and THP-1 cells. <i>Toxicology Letters</i> , <b>2012</b> , 208, 197-213	4.4	180
161	Time-dependent biodistribution and excretion of silver nanoparticles in male Wistar rats. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 920-8	4.1	161
160	The comet assay as a tool for human biomonitoring studies: the ComNet project. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2014</b> , 759, 27-39	7	159
159	Molecular cross-talk between the NRF2/KEAP1 signaling pathway, autophagy, and apoptosis. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 50, 1186-95	7.8	141
158	A modified neutral comet assay: elimination of lysis at high temperature and validation of the assay with anti-single-stranded DNA antibody. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2002</b> , 518, 9-20	3	118
157	Genotoxicity of silver and titanium dioxide nanoparticles in bone marrow cells of rats in vivo. <i>Toxicology</i> , <b>2014</b> , 315, 86-91	4.4	111
156	Silver nanoparticles effects on epididymal sperm in rats. <i>Toxicology Letters</i> , <b>2012</b> , 214, 251-8	4.4	110
155	Comparison of non-crystalline silica nanoparticles in IL-1 $\beta$ release from macrophages. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 32	8.4	103
154	Application of the comet assay for monitoring DNA damage in workers exposed to chronic low-dose irradiation. I. Strand breakage. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>1998</b> , 416, 21-35	3	100
153	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. <i>Particle and Fibre Toxicology</i> , <b>2016</b> , 13, 9	8.4	82
152	Nitrosyl iron complexes--synthesis, structure and biology. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8273-89	4.3	82
151	Toxicity of titanium dioxide nanoparticles in central nervous system. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 1042-526	5.26	80
150	The role of labile iron pool in cardiovascular diseases.. <i>Acta Biochimica Polonica</i> , <b>2019</b> , 51, 471-480	2	80
149	Effect of silver nanoparticles on mitogen-activated protein kinases activation: role of reactive oxygen species and implication in DNA damage. <i>Mutagenesis</i> , <b>2015</b> , 30, 59-66	2.8	70

148	Effect of surface modification of silica nanoparticles on toxicity and cellular uptake by human peripheral blood lymphocytes in vitro. <i>Nanotoxicology</i> , <b>2013</b> , 7, 235-50	5.3	70
147	Biomonitoring and biomarkers of organophosphate pesticides exposure - state of the art. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2011</b> , 18, 294-303	1.4	69
146	Iron-sulfur cluster proteins: electron transfer and beyond.. <i>Acta Biochimica Polonica</i> , <b>2006</b> , 53, 685-691	2	67
145	Toxicity of Silver Nanomaterials in Higher Eukaryotes. <i>Advances in Molecular Toxicology</i> , <b>2011</b> , 5, 179-218	0.4	64
144	Further evidence that oxidative stress may be a risk factor responsible for the development of atherosclerosis. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 542-7	7.8	59
143	Intracellular iron status as a hallmark of mammalian cell susceptibility to oxidative stress: a study of L5178Y mouse lymphoma cell lines differentially sensitive to H <sub>2</sub> O <sub>2</sub> . <i>Blood</i> , <b>2000</b> , 95, 2960-2966	2.2	57
142	Sirtuins (histone deacetylases III) in the cellular response to DNA damage--facts and hypotheses. <i>DNA Repair</i> , <b>2005</b> , 4, 1306-13	4.3	52
141	Micronucleus Assay: The State of Art, and Future Directions. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	51
140	Genotoxicity and gene expression modulation of silver and titanium dioxide nanoparticles in mice. <i>Nanotoxicology</i> , <b>2016</b> , 10, 312-21	5.3	49
139	Oxidative DNA damage corresponds to the long term survival of human cells treated with silver nanoparticles. <i>Toxicology Letters</i> , <b>2013</b> , 219, 151-9	4.4	49
138	Silver nanoparticles -- allies or adversaries?. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2013</b> , 20, 48-54	1.4	49
137	Ag nanoparticles: size- and surface-dependent effects on model aquatic organisms and uptake evaluation with NanoSIMS. <i>Nanotoxicology</i> , <b>2013</b> , 7, 1168-78	5.3	48
136	DNA strand breakage, cytotoxicity and mutagenicity of hydrogen peroxide treatment at 4 degrees C and 37 degrees C in L5178Y sublines. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1994</b> , 308, 233-41	3.3	48
135	Myocardial iron homeostasis in advanced chronic heart failure patients. <i>International Journal of Cardiology</i> , <b>2012</b> , 159, 47-52	3.2	47
134	Application of the comet assay for monitoring DNA damage in workers exposed to chronic low-dose irradiation. II. Base damage. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>1998</b> , 416, 37-57	3	46
133	Toxicity of metallic nanoparticles in the central nervous system. <i>Nanotechnology Reviews</i> , <b>2019</b> , 8, 175-200	0.5	45
132	Lack of adverse effect of smoking habit on DNA strand breakage and base damage, as revealed by the alkaline comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>1999</b> , 440, 19-25	3	43
131	Proteomic approach to nanotoxicity. <i>Journal of Proteomics</i> , <b>2016</b> , 137, 35-44	3.9	42

130	Silver nanoparticles induce premutagenic DNA oxidation that can be prevented by phytochemicals from <i>Gentiana asclepiadea</i> . <i>Mutagenesis</i> , <b>2012</b> , 27, 759-69	2.8	41
129	Silver nanoparticles induced changes in the expression of NF- $\kappa$ B related genes are cell type specific and related to the basal activity of NF- $\kappa$ B. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 473-8	3.6	40
128	Nanozeolite bioconjugates labeled with Ra for targeted alpha therapy. <i>Nuclear Medicine and Biology</i> , <b>2017</b> , 47, 10-18	2.1	38
127	Down-regulation of iron regulatory protein 1 activities and expression in superoxide dismutase 1 knock-out mice is not associated with alterations in iron metabolism. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 4207-12	5.4	33
126	Organophosphorus pesticides can influence the development of obesity and type 2 diabetes with concomitant metabolic changes. <i>Environmental Research</i> , <b>2019</b> , 178, 108685	7.9	32
125	Toward the development of transcriptional biodosimetry for the identification of irradiated individuals and assessment of absorbed radiation dose. <i>Radiation and Environmental Biophysics</i> , <b>2015</b> , 54, 353-63	2	32
124	Silver, Gold, and Iron Oxide Nanoparticles Alter miRNA Expression but Do Not Affect DNA Methylation in HepG2 Cells. <i>Materials</i> , <b>2019</b> , 12,	3.5	31
123	Adaptation of HepG2 cells to silver nanoparticles-induced stress is based on the pro-proliferative and anti-apoptotic changes in gene expression. <i>Mutagenesis</i> , <b>2015</b> , 30, 431-9	2.8	31
122	Comparison of the level(s) of DNA damage using Comet assay in bovine oocytes subjected to selected vitrification methods. <i>Reproduction in Domestic Animals</i> , <b>2009</b> , 44, 653-8	1.6	30
121	Fate and effects of silver nanoparticles on early life-stage development of zebrafish ( <i>Danio rerio</i> ) in comparison to silver nitrate. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 972-982	10.2	29
120	Iron-sulfur cluster proteins: electron transfer and beyond. <i>Acta Biochimica Polonica</i> , <b>2006</b> , 53, 685-91	2	29
119	Silver ions are responsible for memory impairment induced by oral administration of silver nanoparticles. <i>Toxicology Letters</i> , <b>2018</b> , 290, 133-144	4.4	28
118	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 properties-the FuelHealth project. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 19357-19374	5.1	28
117	The level of 8-oxo-7,8-dihydro-2Pdeoxyguanosine is positively correlated with the size of the labile iron pool in human lymphocytes. <i>Journal of Biological Inorganic Chemistry</i> , <b>2002</b> , 7, 548-50	3.7	28
116	Silver and titanium dioxide nanoparticles alter oxidative/inflammatory response and renin-angiotensin system in brain. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 85, 96-105	4.7	27
115	Targeted Radionuclide Therapy of Prostate Cancer-From Basic Research to Clinical Perspectives. <i>Molecules</i> , <b>2020</b> , 25,	4.8	27
114	Crucial role of chelatable iron in silver nanoparticles induced DNA damage and cytotoxicity. <i>Redox Biology</i> , <b>2018</b> , 15, 435-440	11.3	26
113	Crucial role of lysosomal iron in the formation of dinitrosyl iron complexes in vivo. <i>Journal of Biological Inorganic Chemistry</i> , <b>2007</b> , 12, 345-52	3.7	26

112	Proinflammatory effects of diesel exhaust particles from moderate blend concentrations of 1st and 2nd generation biodiesel in BEAS-2B bronchial epithelial cells-The FuelHealth project. <i>Environmental Toxicology and Pharmacology</i> , <b>2017</b> , 52, 138-142	5.8	23
111	Glucose availability determines silver nanoparticles toxicity in HepG2. <i>Journal of Nanobiotechnology</i> , <b>2015</b> , 13, 72	9.4	23
110	Progressive effects of silver nanoparticles on hormonal regulation of reproduction in male rats. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 313, 35-46	4.6	22
109	Effect of signal transduction inhibition in adapted lymphocytes: micronuclei frequency and DNA repair. <i>International Journal of Radiation Biology</i> , <b>1997</b> , 71, 245-52	2.9	22
108	EMT promoting transcription factors as prognostic markers in human breast cancer. <i>Archives of Gynecology and Obstetrics</i> , <b>2017</b> , 295, 817-825	2.5	21
107	Cyclodextrin derivatives conjugated with aromatic moieties as pH-responsive drug carriers for anthracycline. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 13444-50	3.4	21
106	Genotoxic potential of diesel exhaust particles from the combustion of first- and second-generation biodiesel fuels-the FuelHealth project. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 24223-24234	5.1	21
105	Antioxidant defense system in differentially hydrogen peroxide sensitive L5178Y sublines. <i>Free Radical Biology and Medicine</i> , <b>1997</b> , 22, 697-704	7.8	21
104	Induction of iron regulatory protein 1 RNA-binding activity by nitric oxide is associated with a concomitant increase in the labile iron pool: implications for DNA damage. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 327, 349-55	3.4	21
103	Effect of Surface Functionalization on the Cellular Uptake and Toxicity of Nanozeolite A. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 123	5	19
102	In vitro exposure of a 3D-tetraculture representative for the alveolar barrier at the air-liquid interface to silver particles and nanowires. <i>Particle and Fibre Toxicology</i> , <b>2019</b> , 16, 14	8.4	18
101	Basal PIR expression in HeLa cells is driven by NRF2 via evolutionary conserved antioxidant response element. <i>Molecular and Cellular Biochemistry</i> , <b>2014</b> , 389, 99-111	4.2	18
100	Inhibition of multixenobiotic resistance transporters (MXR) by silver nanoparticles and ions in vitro and in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 569-570, 681-689	10.2	18
99	Quantum dots as targeted doxorubicin drug delivery nanosystems in human lung cancer cells. <i>Cancer Nanotechnology</i> , <b>2021</b> , 12,	7.9	18
98	Launch of the ComNet (comet network) project on the comet assay in human population studies during the International Comet Assay Workshop meeting in Kusadasi, Turkey (September 13-16, 2011). <i>Mutagenesis</i> , <b>2012</b> , 27, 385-6	2.8	17
97	Differential inhibitory effect of OK-1035 on DNA repair in L5178Y murine lymphoma sublines with functional or defective repair of double strand breaks. <i>Mutation Research DNA Repair</i> , <b>1998</b> , 409, 31-6		17
96	Impact of silver, gold, and iron oxide nanoparticles on cellular response to tumor necrosis factor. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 356, 140-150	4.6	16
95	Labile iron pool correlates with iron content in the nucleus and the formation of oxidative DNA damage in mouse lymphoma L5178Y cell lines.. <i>Acta Biochimica Polonica</i> , <b>2003</b> , 50, 211-215	2	16

94	Competition between self-inclusion and drug binding explains the pH dependence of the cyclodextrin drug carrier - molecular modelling and electrochemistry studies. <i>Nanoscale</i> , <b>2016</b> , 8, 16733-16742	7.7	15
93	Differential toxic effect of cis-platinum(II) and palladium(II) chlorides complexed with methyl 3,4-diamine-2,3,4,6-tetradeoxy-alpha-L-lyxo-hexopyranoside in mouse lymphoma cell lines differing in DSB and NER repair ability. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , <b>2003</b> , Suppl 1, 1-11		15
92	The effects of superoxide dismutase knockout on the oxidative stress parameters and survival of mouse erythrocytes. <i>Cellular and Molecular Biology Letters</i> , <b>2009</b> , 14, 23-34	8.1	14
91	Content of iron and copper in the nuclei and induction of pH 9-labile lesions in L5178Y sublines inversely cross-sensitive to H <sub>2</sub> O <sub>2</sub> and x-rays. <i>Radiation and Environmental Biophysics</i> , <b>1995</b> , 34, 113-9	2	14
90	Comparison of effects of iron and calcium chelators on the response of L5178Y sublines to X-rays and H <sub>2</sub> O <sub>2</sub> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1995</b> , 326, 155-63	3.3	14
89	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , <b>2020</b> , 35, 341-348	2.8	13
88	Polymer Membranes Sonocoated and Electrospayed with Nano-Hydroxyapatite for Periodontal Tissues Regeneration. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	13
87	Lung effects of 7- and 28-day inhalation exposure of rats to emissions from 1st and 2nd generation biodiesel fuels with and without particle filter - The FuelHealth project. <i>Environmental Toxicology and Pharmacology</i> , <b>2019</b> , 67, 8-20	5.8	12
86	Towards potent but less toxic nanopharmaceuticals - lipoic acid bioconjugates of ultrasmall gold nanoparticles with an anticancer drug and addressing unit.. <i>RSC Advances</i> , <b>2018</b> , 8, 14947-14957	3.7	12
85	No adverse lung effects of 7- and 28-day inhalation exposure of rats to emissions from petrodiesel fuel containing 20% rapeseed methyl esters (B20) with and without particulate filter - the FuelHealth project. <i>Inhalation Toxicology</i> , <b>2017</b> , 29, 206-218	2.7	12
84	Direct use of the comet assay to study cell cycle distribution and its application to study cell cycle-dependent DNA damage formation. <i>Mutagenesis</i> , <b>2012</b> , 27, 551-8	2.8	12
83	Sirtuin inhibition increases the rate of non-homologous end-joining of DNA double strand breaks.. <i>Acta Biochimica Polonica</i> , <b>2007</b> , 54, 63-69	2	12
82	Beneficial effects of intravenous iron therapy in a rat model of heart failure with preserved systemic iron status but depleted intracellular cardiac stores. <i>Scientific Reports</i> , <b>2018</b> , 8, 15758	4.9	12
81	Kidney nanotoxicity studied in human renal proximal tubule epithelial cell line TH1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 845, 403017	3	11
80	6-OHDA-Induced Changes in Parkinson's Disease-Related Gene Expression are not Affected by the Overexpression of PGAM5 in In Vitro Differentiated Embryonic Mesencephalic Cells. <i>Cellular and Molecular Neurobiology</i> , <b>2015</b> , 35, 1137-47	4.6	11
79	Radiolytic decomposition of pesticide carbendazim in waters and wastes for environmental protection. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2011</b> , 289, 303-314	1.5	11
78	Hepatic iron content corresponds with the susceptibility of lymphocytes to oxidative stress in neonatal pigs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2008</b> , 657, 146-9	3	11
77	Variable inhibitory effects on the formation of dinitrosyl iron complexes by deferoxamine and salicylaldehyde isonicotinoyl hydrazone in K562 cells. <i>Hemoglobin</i> , <b>2008</b> , 32, 157-63	0.6	11

76	Design and Evaluation of Ra-Labeled and Anti-PSMA Targeted NaA Nanozeolites for Prostate Cancer Therapy-Part I. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
75	Gene expression changes in rat brain regions after 7- and 28 days inhalation exposure to exhaust emissions from 1st and 2nd generation biodiesel fuels - The FuelHealth project. <i>Inhalation Toxicology</i> , <b>2018</b> , 30, 299-312	2.7	11
74	Exposure of human neurons to silver nanoparticles induces similar pattern of ABC transporters gene expression as differentiation: Study on proliferating and post-mitotic LUHMES cells. <i>Mechanisms of Ageing and Development</i> , <b>2018</b> , 171, 7-14	5.6	10
73	Improvement of poly(ester-urethane) surface properties by RAFT mediated grafting initiated by gamma radiation. <i>European Polymer Journal</i> , <b>2015</b> , 68, 398-408	5.2	10
72	Structure and biological activity of cationic [PtLCl(DMSO)]NO(3).DMSO complex containing a chelated diaminosugar: methyl-3,4-diamino-2,3,4,6-tetradeoxy-alpha-L-lyxopyranoside. <i>European Journal of Medicinal Chemistry</i> , <b>2003</b> , 38, 775-80	6.8	10
71	MRP1-transfected cells do not show increased resistance against oxidative stress. <i>Free Radical Research</i> , <b>2003</b> , 37, 189-95	4	10
70	Anti-CD38 prevents the development of the adaptive response induced by X-rays in human lymphocytes. <i>Mutagenesis</i> , <b>1996</b> , 11, 593-6	2.8	10
69	Doxorubicin carriers based on Au nanoparticles Effect of shape and gold-drug linker on the carrier toxicity and therapeutic performance. <i>RSC Advances</i> , <b>2016</b> , 6, 31960-31967	3.7	10
68	Assessment of DNA damage in Polish children environmentally exposed to pesticides. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 843, 52-56	3	10
67	Defining Blood Processing Parameters for Optimal Detection of γH2AX Foci: A Small Blood Volume Method. <i>Radiation Research</i> , <b>2015</b> , 184, 95-104	3.1	9
66	At labeled substance P (5-11) as potential radiopharmaceutical for glioma treatment. <i>Nuclear Medicine and Biology</i> , <b>2017</b> , 53, 1-8	2.1	9
65	In vitro screening of pentamidine analogs against bacterial and fungal strains. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 2918-23	2.9	9
64	Preincubation with sodium ascorbate potentiates insulin-dependent PKB/Akt and c-Jun phosphorylation in L6 rat myoblasts challenged with reactive oxygen/nitrogen species. <i>Life Sciences</i> , <b>2005</b> , 77, 496-511	6.8	9
63	Cholinesterase activity in blood and pesticide presence in sweat as biomarkers of children's environmental exposure to crop protection chemicals. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2015</b> , 22, 478-82	1.4	9
62	Tricarbonylrhenium(I) complexes with the N-methylpyridine-2-carbothioamide ligand Synthesis, characterization and cytotoxicity studies. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 866, 59-71	2.3	8
61	Putative proto-oncogene Pir expression is significantly up-regulated in the spleen and kidney of cytosolic superoxide dismutase-deficient mice. <i>Redox Report</i> , <b>2011</b> , 16, 129-33	5.9	8
60	Ionizing radiation and hydrogen peroxide induced oxidative DNA base damage in two L5178Y cell lines. <i>Free Radical Biology and Medicine</i> , <b>1998</b> , 24, 1250-5	7.8	8
59	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , <b>2021</b> , 11, 16793	4.9	8

58	Does myocardial iron load determine the severity of heart insufficiency?. <i>International Journal of Cardiology</i> , <b>2015</b> , 182, 191-3	3.2	7
57	Alterations in the expression of genes related to NF- $\kappa$ B signaling in liver and kidney of CuZnSOD-deficient mice. <i>Molecular and Cellular Biochemistry</i> , <b>2011</b> , 353, 151-7	4.2	7
56	Matrix metalloproteinase 3 polymorphisms as a potential marker of enhanced susceptibility to lung cancer in chronic obstructive pulmonary disease subjects. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2014</b> , 21, 546-51	1.4	7
55	hMTH1 is required for maintaining migration and invasion potential of human thyroid cancer cells. <i>DNA Repair</i> , <b>2018</b> , 69, 53-62	4.3	6
54	LDL dinitrosyl iron complex acts as an iron donor in mouse macrophages. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 188, 29-37	4.2	6
53	Coordination of iron ions in the form of histidinyl dinitrosyl complexes does not prevent their genotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 6732-8	3.4	6
52	Chelating of iron and copper alters properties of DNA in L5178Y cells, as revealed by the comet assay. <i>Mutation Research DNA Repair</i> , <b>1999</b> , 434, 53-60		6
51	Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF- $\kappa$ B1 protein activity.. <i>Acta Biochimica Polonica</i> , <b>2010</b> , 57,	2	6
50	Effect of Prenatal Exposure to Pesticides on Children's Health. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2016</b> , 35, 375-386	2.1	6
49	Increased DNA repair capacity augments resistance of glioblastoma cells to photodynamic therapy. <i>DNA Repair</i> , <b>2021</b> , 104, 103136	4.3	6
48	mitoLUHMES: An Engineered Neuronal Cell Line for the Analysis of the Motility of Mitochondria. <i>Cellular and Molecular Neurobiology</i> , <b>2017</b> , 37, 1055-1066	4.6	5
47	Does the cellular labile iron pool participate in the oxidation of 2',7'-dichlorodihydrofluorescein?. <i>Free Radical Research</i> , <b>2007</b> , 41, 563-70	4	5
46	Nonviral transfection of human umbilical cord blood dendritic cells is feasible, but the yield of dendritic cells with transgene expression limits the application of this method in cancer immunotherapy.. <i>Acta Biochimica Polonica</i> , <b>2019</b> , 53, 203-211	2	5
45	Carcinogenesis-related changes in iron metabolism in chronic obstructive pulmonary disease subjects with lung cancer. <i>Oncology Letters</i> , <b>2018</b> , 16, 6831-6837	2.6	5
44	Effect of nanoparticles on the expression and activity of matrix metalloproteinases. <i>Nanotechnology Reviews</i> , <b>2018</b> , 7, 541-553	6.3	5
43	Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF- $\kappa$ B1 protein activity. <i>Acta Biochimica Polonica</i> , <b>2010</b> , 57, 577-83	2	5
42	Comet assay in neural cells as a tool to monitor DNA damage induced by chemical or physical factors relevant to environmental and occupational exposure. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 845, 402990	3	4
41	Interaction of some organic platinum (II) complexes with L5178Y-R and L5178Y-S cells. <i>Chemico-Biological Interactions</i> , <b>1997</b> , 105, 145-55	5	4



40	DNA damage and its repair in lymphocytes and thyroid nodule cells during radioiodine therapy in patients with hyperthyroidism. <i>Journal of Molecular Endocrinology</i> , <b>2006</b> , 37, 527-32	4.5	4
39	Differential DNA double strand break fixation dependence on poly(ADP-ribosylation) in L5178Y and CHO cells. <i>International Journal of Radiation Biology</i> , <b>2004</b> , 80, 473-82	2.9	4
38	Nuclear Factor kappa B activation by Ag, Au nanoparticles, CdTe quantum dots or their binary mixtures in HepG2 cells. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2020</b> , 27, 231-234	1.4	4
37	Differential Action of Silver Nanoparticles on ABCB1 (MDR1) and ABCC1 (MRP1) Activity in Mammalian Cell Lines. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
36	Association of genetic dependences between lung cancer and chronic obstructive pulmonary disease. <i>Pneumonologia I Alergologia Polska</i> , <b>2013</b> , 81, 308-18		4
35	Susceptibility of HepG2 Cells to Silver Nanoparticles in Combination with other Metal/Metal Oxide Nanoparticles. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
34	LDL dinitrosyl iron complex: A new transferrin-independent route for iron delivery in hepatocytes. <i>BioFactors</i> , <b>2018</b> , 44, 192-201	6.1	3
33	Anticancer activity and radiosensitization effect of methyleneisoxazolidin-5-ones in hepatocellular carcinoma HepG2 cells. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 248, 68-73	5	3
32	Tricarbonylrhenium(I) complexes with the N,6-dimethylpyridine-2-carbothioamide ligand: combined experimental and calculation studies. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 2146-2164	1.6	3
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30	Epigenetic modifications and NF- $\kappa$ B pathway activity in Cu,Zn-SOD-deficient mice. <i>Molecular and Cellular Biochemistry</i> , <b>2014</b> , 397, 187-94	4.2	3
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11	The rapid interphase chromosome assay (RICA) implementation: comparison with other PCC methods. <i>Nukleonika</i> , <b>2015</b> , 60, 933-941	1	1
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8	Silver Nanoparticles Inhibit Metastasis of 4T1 Tumor in Mice after Intragastric but Not Intravenous Administration. <i>Materials</i> , <b>2022</b> , 15, 3837	3.5	1
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6	Nanoparticle toxicity and reactive species: An overview <b>2021</b> , 11-21		0
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