

Marcin Kruszewski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165
papers

5,260
citations

38
h-index

68
g-index

183
ext. papers

5,949
ext. citations

3.9
avg, IF

5.95
L-index

#	Paper	IF	Citations
165	Silver Nanoparticles Inhibit Metastasis of 4T1 Tumor in Mice after Intra-gastric but Not Intravenous Administration. <i>Materials</i> , 2022 , 15, 3837	3.5	1
164	Silver Nanoparticles Impair Cognitive Functions and Modify the Hippocampal Level of Neurotransmitters in a Coating-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
163	Correction to: Quantum dots as targeted doxorubicin drug delivery nanosystems in human lung cancer cells. <i>Cancer Nanotechnology</i> , 2021 , 12,	7.9	1
162	Ivabradine prevents deleterious effects of dopamine therapy in heart failure: No role for HCN4 overexpression. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 136, 111250	7.5	3
161	Design and Evaluation of Ra-Labeled and Anti-PSMA Targeted NaA Nanozeolites for Prostate Cancer Therapy-Part II. Toxicity, Pharmacokinetics and Biodistribution. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
160	Chlorpyrifos alters expression of enzymes involved in vitamin D synthesis in skin cells. <i>Pesticide Biochemistry and Physiology</i> , 2021 , 174, 104812	4.9	0
159	Differential Action of Silver Nanoparticles on ABCB1 (MDR1) and ABCC1 (MRP1) Activity in Mammalian Cell Lines. <i>Materials</i> , 2021 , 14,	3.5	4
158	Transient Vasodilation in Mouse 4T1 Tumors after Intra-gastric and Intravenous Administration of Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
157	Quantum dots as targeted doxorubicin drug delivery nanosystems in human lung cancer cells. <i>Cancer Nanotechnology</i> , 2021 , 12,	7.9	18
156	Increased DNA repair capacity augments resistance of glioblastoma cells to photodynamic therapy. <i>DNA Repair</i> , 2021 , 104, 103136	4.3	6
155	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021 , 11, 16793	4.9	8
154	Nanoparticle toxicity and reactive species: An overview 2021 , 11-21		0
153	Susceptibility of HepG2 Cells to Silver Nanoparticles in Combination with other Metal/Metal Oxide Nanoparticles. <i>Materials</i> , 2020 , 13,	3.5	3
152	Micronucleus Assay: The State of Art, and Future Directions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	51
151	Targeted Radionuclide Therapy of Prostate Cancer-From Basic Research to Clinical Perspectives. <i>Molecules</i> , 2020 , 25,	4.8	27
150	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , 2020 , 35, 341-348	2.8	13
149	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> , 2020 , 27, 231-234	1.4	4

148	Two Sides to the Same Coin-Cytotoxicity vs. Potential Metastatic Activity of AgNPs Relative to Triple-Negative Human Breast Cancer MDA-MB-436 Cells. <i>Molecules</i> , 2020 , 25,	4.8	1
147	Grey areas and open questions in neprilysin inhibition. <i>Journal of Cardiology</i> , 2020 , 75, 462-463	3	
146	The Impact of Ag Nanoparticles and CdTe Quantum Dots on Expression and Function of Receptors Involved in Amyloid- β Uptake by BV-2 Microglial Cells. <i>Materials</i> , 2020 , 13,	3.5	3
145	Accurate Noninvasive Assessment of Myocardial Iron Load in Advanced Heart Failure Patients. <i>Disease Markers</i> , 2020 , 2020, 8885189	3.2	1
144	Design and Evaluation of Ra-Labeled and Anti-PSMA Targeted NaA Nanozeolites for Prostate Cancer Therapy-Part I. <i>Materials</i> , 2020 , 13,	3.5	11
143	Organophosphorus pesticides can influence the development of obesity and type 2 diabetes with concomitant metabolic changes. <i>Environmental Research</i> , 2019 , 178, 108685	7.9	32
142	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> , 2019 , 67, 8-20	5.8	12
141	Kidney nanotoxicity studied in human renal proximal tubule epithelial cell line TH1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 845, 403017	3	11
140	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> , 2019 , 845, 402990	3	4
139	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> , 2019 , 16, 14	8.4	18
138	Silver, Gold, and Iron Oxide Nanoparticles Alter miRNA Expression but Do Not Affect DNA Methylation in HepG2 Cells. <i>Materials</i> , 2019 , 12,	3.5	31
137	The role of labile iron pool in cardiovascular diseases.. <i>Acta Biochimica Polonica</i> , 2019 , 51, 471-480	2	80
136	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> , 2019 , 53, 203-211	2	5
135	IL-6 prevents CXCL8-induced stimulation of EpCAM expression in ovarian cancer cells. <i>Molecular Medicine Reports</i> , 2019 , 19, 2317-2322	2.9	1
134	Impact of polymorphism of selected genes on the diagnosis of type 2 diabetes in patients with obstructive sleep apnea. <i>Polish Archives of Internal Medicine</i> , 2019 , 129, 6-11	1.9	1
133	Toxicity of metallic nanoparticles in the central nervous system. <i>Nanotechnology Reviews</i> , 2019 , 8, 175-200	3	45
132	Polymer Membranes Sonocoated and Electrosprayed with Nano-Hydroxyapatite for Periodontal Tissues Regeneration. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
131	Assessment of DNA damage in Polish children environmentally exposed to pesticides. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 843, 52-56	3	10

130	Chlorpyrifos stimulates expression of vitamin D receptor in skin cells irradiated with UVB. <i>Pesticide Biochemistry and Physiology</i> , 2019 , 154, 17-22	4.9	2
129	Nephrotoxicity: Topical issue. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 845, 402988	3	2
128	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> , 2018 , 171, 7-14	5.6	10
127	Towards potent but less toxic nanopharmaceuticals - lipoic acid bioconjugates of ultrasmall gold nanoparticles with an anticancer drug and addressing unit.. <i>RSC Advances</i> , 2018 , 8, 14947-14957	3.7	12
126	Natriuretic peptides and their receptors in failing heart - Functional changes and implications for treatment. <i>International Journal of Cardiology</i> , 2018 , 265, 135-140	3.2	
125	Tricarbonylrhenium(I) complexes with the N-methylpyridine-2-carbothioamide ligand [Synthesis, characterization and cytotoxicity studies. <i>Journal of Organometallic Chemistry</i> , 2018 , 866, 59-71	2.3	8
124	LDL dinitrosyl iron complex: A new transferrin-independent route for iron delivery in hepatocytes. <i>BioFactors</i> , 2018 , 44, 192-201	6.1	3
123	Crucial role of chelatable iron in silver nanoparticles induced DNA damage and cytotoxicity. <i>Redox Biology</i> , 2018 , 15, 435-440	11.3	26
122	[DTPA-(PABn)-Leu5]-des-acyl ghrelin(1-5) as a new carrier of radionuclides and potential precursor of radiopharmaceuticals. <i>Nuclear Medicine Communications</i> , 2018 , 39, 140-146	1.6	2
121	Silver ions are responsible for memory impairment induced by oral administration of silver nanoparticles. <i>Toxicology Letters</i> , 2018 , 290, 133-144	4.4	28
120	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> , 2018 , 610-611, 972-982	10.2	29
119	hMTH1 is required for maintaining migration and invasion potential of human thyroid cancer cells. <i>DNA Repair</i> , 2018 , 69, 53-62	4.3	6
118	Impact of silver, gold, and iron oxide nanoparticles on cellular response to tumor necrosis factor. <i>Toxicology and Applied Pharmacology</i> , 2018 , 356, 140-150	4.6	16
117	LDL dinitrosyl iron complex acts as an iron donor in mouse macrophages. <i>Journal of Inorganic Biochemistry</i> , 2018 , 188, 29-37	4.2	6
116	Tricarbonylrhenium(I) complexes with the N,6-dimethylpyridine-2-carbothioamide ligand: combined experimental and calculation studies. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 2146-2164	1.6	3
115	Carcinogenesis-related changes in iron metabolism in chronic obstructive pulmonary disease subjects with lung cancer. <i>Oncology Letters</i> , 2018 , 16, 6831-6837	2.6	5
114	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> , 2018 , 30, 299-312	2.7	11
113	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> , 2018 , 8, 15758	4.9	12

112	Effect of nanoparticles on the expression and activity of matrix metalloproteinases. <i>Nanotechnology Reviews</i> , 2018 , 7, 541-553	6.3	5
111	Nanozeolite bioconjugates labeled with Ra for targeted alpha therapy. <i>Nuclear Medicine and Biology</i> , 2017 , 47, 10-18	2.1	38
110	EMT promoting transcription factors as prognostic markers in human breast cancer. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 295, 817-825	2.5	21
109	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> , 2017 , 52, 138-142	5.8	23
108	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> , 2017 , 24, 24223-24234	5.1	21
107	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> , 2017 , 29, 206-218	2.7	12
106	At labeled substance P (5-11) as potential radiopharmaceutical for glioma treatment. <i>Nuclear Medicine and Biology</i> , 2017 , 53, 1-8	2.1	9
105	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> , 2017 , 24, 19357-19374	5.1	28
104	mitoLUHMES: An Engineered Neuronal Cell Line for the Analysis of the Motility of Mitochondria. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 1055-1066	4.6	5
103	Genotoxicity and gene expression modulation of silver and titanium dioxide nanoparticles in mice. <i>Nanotoxicology</i> , 2016 , 10, 312-21	5.3	49
102	Competition between self-inclusion and drug binding explains the pH dependence of the cyclodextrin drug carrier - molecular modelling and electrochemistry studies. <i>Nanoscale</i> , 2016 , 8, 16733-16742	7.7	15
101	Progressive effects of silver nanoparticles on hormonal regulation of reproduction in male rats. <i>Toxicology and Applied Pharmacology</i> , 2016 , 313, 35-46	4.6	22
100	Anticancer activity and radiosensitization effect of methyleneisoxazolidin-5-ones in hepatocellular carcinoma HepG2 cells. <i>Chemico-Biological Interactions</i> , 2016 , 248, 68-73	5	3
99	Proteomic approach to nanotoxicity. <i>Journal of Proteomics</i> , 2016 , 137, 35-44	3.9	42
98	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 9	8.4	82
97	Effect of Prenatal Exposure to Pesticides on Children's Health. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2016 , 35, 375-386	2.1	6
96	Inhibition of multidrug resistance transporters (MDR) by silver nanoparticles and ions in vitro and in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2016 , 569-570, 681-689	10.2	18
95	Doxorubicin carriers based on Au nanoparticles Effect of shape and gold-drug linker on the carrier toxicity and therapeutic performance. <i>RSC Advances</i> , 2016 , 6, 31960-31967	3.7	10

94	Effect of Surface Functionalization on the Cellular Uptake and Toxicity of Nanozeolite A. <i>Nanoscale Research Letters</i> , 2016 , 11, 123	5	19
93	Formation of glutathionyl dinitrosyl iron complexes protects against iron genotoxicity. <i>Dalton Transactions</i> , 2015 , 44, 12640-52	4.3	2
92	Heavy Ion Beams for Radiobiology: Dosimetry and Nanodosimetry at HIL. <i>Acta Physica Polonica A</i> , 2015 , 127, 1516-1519	0.6	1
91	Toxicity of titanium dioxide nanoparticles in central nervous system. <i>Toxicology in Vitro</i> , 2015 , 29, 1042-526	3.6	80
90	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> , 2015 , 30, 431-9	2.8	31
89	Silver and titanium dioxide nanoparticles alter oxidative/inflammatory response and renin-angiotensin system in brain. <i>Food and Chemical Toxicology</i> , 2015 , 85, 96-105	4.7	27
88	Defining Blood Processing Parameters for Optimal Detection of γ H2AX Foci: A Small Blood Volume Method. <i>Radiation Research</i> , 2015 , 184, 95-104	3.1	9
87	Effect of silver nanoparticles on mitogen-activated protein kinases activation: role of reactive oxygen species and implication in DNA damage. <i>Mutagenesis</i> , 2015 , 30, 59-66	2.8	70
86	Glucose availability determines silver nanoparticles toxicity in HepG2. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 72	9.4	23
85	Toward the development of transcriptional biodosimetry for the identification of irradiated individuals and assessment of absorbed radiation dose. <i>Radiation and Environmental Biophysics</i> , 2015 , 54, 353-63	2	32
84	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> , 2015 , 35, 1137-47	4.6	11
83	Improvement of poly(ester-urethane) surface properties by RAFT mediated grafting initiated by gamma radiation. <i>European Polymer Journal</i> , 2015 , 68, 398-408	5.2	10
82	Dosimetry in radiobiological studies with the heavy ion beam of the Warsaw cyclotron. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 365, 404-408	1.2	
81	Does myocardial iron load determine the severity of heart insufficiency?. <i>International Journal of Cardiology</i> , 2015 , 182, 191-3	3.2	7
80	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> , 2015 , 22, 478-82	1.4	9
79	The rapid interphase chromosome assay (RICA) implementation: comparison with other PCC methods. <i>Nukleonika</i> , 2015 , 60, 933-941	1	1
78	Basal PIR expression in HeLa cells is driven by NRF2 via evolutionary conserved antioxidant response element. <i>Molecular and Cellular Biochemistry</i> , 2014 , 389, 99-111	4.2	18
77	The comet assay as a tool for human biomonitoring studies: the ComNet project. <i>Mutation Research - Reviews in Mutation Research</i> , 2014 , 759, 27-39	7	159

76	Genotoxicity of silver and titanium dioxide nanoparticles in bone marrow cells of rats in vivo. <i>Toxicology</i> , 2014 , 315, 86-91	4.4	111
75	Silver nanoparticles induced changes in the expression of NF- κ B related genes are cell type specific and related to the basal activity of NF- κ B. <i>Toxicology in Vitro</i> , 2014 , 28, 473-8	3.6	40
74	Investigation of the bystander effect in CHO-K1 cells. <i>Reports of Practical Oncology and Radiotherapy</i> , 2014 , 19, S37-S41	1.5	3
73	Epigenetic modifications and NF- κ B pathway activity in Cu,Zn-SOD-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2014 , 397, 187-94	4.2	3
72	In vitro screening of pentamidine analogs against bacterial and fungal strains. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2918-23	2.9	9
71	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> , 2014 , 21, 546-51	1.4	7
70	Cyclodextrin derivatives conjugated with aromatic moieties as pH-responsive drug carriers for anthracycline. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 13444-50	3.4	21
69	Effect of surface modification of silica nanoparticles on toxicity and cellular uptake by human peripheral blood lymphocytes in vitro. <i>Nanotoxicology</i> , 2013 , 7, 235-50	5.3	70
68	Ag nanoparticles: size- and surface-dependent effects on model aquatic organisms and uptake evaluation with NanoSIMS. <i>Nanotoxicology</i> , 2013 , 7, 1168-78	5.3	48
67	Oxidative DNA damage corresponds to the long term survival of human cells treated with silver nanoparticles. <i>Toxicology Letters</i> , 2013 , 219, 151-9	4.4	49
66	Silver nanoparticles -- allies or adversaries?. <i>Annals of Agricultural and Environmental Medicine</i> , 2013 , 20, 48-54	1.4	49
65	Association of genetic dependences between lung cancer and chronic obstructive pulmonary disease. <i>Pneumonologia i Alergologia Polska</i> , 2013 , 81, 308-18		4
64	Cytotoxic and genotoxic effects of silver nanoparticles in testicular cells. <i>Toxicology</i> , 2012 , 291, 65-72	4.4	213
63	Silver nanoparticles induce premutagenic DNA oxidation that can be prevented by phytochemicals from <i>Gentiana asclepiadea</i> . <i>Mutagenesis</i> , 2012 , 27, 759-69	2.8	41
62	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> , 2012 , 208, 197-213	4.4	180
61	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> , 2012 , 27, 385-6	2.8	17
60	Myocardial iron homeostasis in advanced chronic heart failure patients. <i>International Journal of Cardiology</i> , 2012 , 159, 47-52	3.2	47
59	Silver nanoparticles effects on epididymal sperm in rats. <i>Toxicology Letters</i> , 2012 , 214, 251-8	4.4	110

58	Comparison of non-crystalline silica nanoparticles in IL-1 β release from macrophages. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 32	8.4	103
57	Coordination of iron ions in the form of histidinyl dinitrosyl complexes does not prevent their genotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6732-8	3.4	6
56	Time-dependent biodistribution and excretion of silver nanoparticles in male Wistar rats. <i>Journal of Applied Toxicology</i> , 2012 , 32, 920-8	4.1	161
55	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> , 2012 , 27, 551-8	2.8	12
54	Toxicity of Silver Nanomaterials in Higher Eukaryotes. <i>Advances in Molecular Toxicology</i> , 2011 , 5, 179-218	4	64
53	Molecular cross-talk between the NRF2/KEAP1 signaling pathway, autophagy, and apoptosis. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1186-95	7.8	141
52	Nitrosyl iron complexes--synthesis, structure and biology. <i>Dalton Transactions</i> , 2011 , 40, 8273-89	4.3	82
51	Radiolytic decomposition of pesticide carbendazim in waters and wastes for environmental protection. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011 , 289, 303-314	1.5	11
50	Alterations in the expression of genes related to NF- κ B signaling in liver and kidney of CuZnSOD-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2011 , 353, 151-7	4.2	7
49	Putative proto-oncogene Pir expression is significantly up-regulated in the spleen and kidney of cytosolic superoxide dismutase-deficient mice. <i>Redox Report</i> , 2011 , 16, 129-33	5.9	8
48	Biomonitoring and biomarkers of organophosphate pesticides exposure - state of the art. <i>Annals of Agricultural and Environmental Medicine</i> , 2011 , 18, 294-303	1.4	69
47	Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF- κ B1 protein activity.. <i>Acta Biochimica Polonica</i> , 2010 , 57,	2	6
46	Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF- κ B1 protein activity. <i>Acta Biochimica Polonica</i> , 2010 , 57, 577-83	2	5
45	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> , 2009 , 44, 653-8	1.6	30
44	The effects of superoxide dismutase knockout on the oxidative stress parameters and survival of mouse erythrocytes. <i>Cellular and Molecular Biology Letters</i> , 2009 , 14, 23-34	8.1	14
43	Hepatic iron content corresponds with the susceptibility of lymphocytes to oxidative stress in neonatal pigs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008 , 657, 146-9	3	11
42	Effects of beta-erythropoietin treatment on left ventricular remodeling, systolic function, and B-type natriuretic peptide levels in patients with cardiorenal anemia syndrome. <i>American Heart Journal</i> , 2008 , 155, e25; author reply e19	4.9	1
41	The comet assay: topical issues. <i>Mutagenesis</i> , 2008 , 23, 143-51	2.8	692

40	Variable inhibitory effects on the formation of dinitrosyl iron complexes by deferoxamine and salicylaldehyde isonicotinoyl hydrazone in K562 cells. <i>Hemoglobin</i> , 2008 , 32, 157-63	0.6	11
39	Randomized, double-blind, placebo-controlled study to evaluate the effect of two dosing regimens of darbepoetin alfa in patients with heart failure and anaemia. <i>European Heart Journal</i> , 2008 , 29, 565-6; author reply 566-7	9.5	
38	Micronucleus test and comet assay on mice fed over five generations a diet containing genetically modified triticale. <i>Journal of Animal and Feed Sciences</i> , 2008 , 17, 100-109	1.5	3
37	Crucial role of lysosomal iron in the formation of dinitrosyl iron complexes in vivo. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 345-52	3.7	26
36	Does the cellular labile iron pool participate in the oxidation of 2,7-Pdichlorodihydrofluorescein?. <i>Free Radical Research</i> , 2007 , 41, 563-70	4	5
35	Sirtuin inhibition increases the rate of non-homologous end-joining of DNA double strand breaks.. <i>Acta Biochimica Polonica</i> , 2007 , 54, 63-69	2	12
34	DNA damage and its repair in lymphocytes and thyroid nodule cells during radioiodine therapy in patients with hyperthyroidism. <i>Journal of Molecular Endocrinology</i> , 2006 , 37, 527-32	4.5	4
33	Inhibition of poly(ADP-ribose)polymerase does not affect the recombination events in CHO xrs6 and wild type cells. <i>Radiation and Environmental Biophysics</i> , 2006 , 45, 277-87	2	
32	Iron-sulfur cluster proteins: electron transfer and beyond.. <i>Acta Biochimica Polonica</i> , 2006 , 53, 685-691	2	67
31	Iron-sulfur cluster proteins: electron transfer and beyond. <i>Acta Biochimica Polonica</i> , 2006 , 53, 685-91	2	29
30	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> , 2005 , 77, 496-511	6.8	9
29	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> , 2005 , 327, 349-55	3.4	21
28	Sirtuins (histone deacetylases III) in the cellular response to DNA damage--facts and hypotheses. <i>DNA Repair</i> , 2005 , 4, 1306-13	4.3	52
27	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> , 2005 , 280, 4207-12	5.4	33
26	Differential DNA double strand break fixation dependence on poly(ADP-ribosylation) in L5178Y and CHO cells. <i>International Journal of Radiation Biology</i> , 2004 , 80, 473-82	2.9	4
25	Labile iron pool: the main determinant of cellular response to oxidative stress. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 531, 81-92	3.3	34 ^o
24	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> , 2003 , 38, 775-80	6.8	10
23	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> , 2003 , Suppl 1, 1-11		15

22	32nd annual meeting of European Environmental Mutagen Society. DNA damage and repair fundamental aspects and contribution to human disorders. <i>DNA Repair</i> , 2003 , 2, 765-81	4.3	1
21	MRP1-transfected cells do not show increased resistance against oxidative stress. <i>Free Radical Research</i> , 2003 , 37, 189-95	4	10
20	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> , 2003 , 50, 211-215	2	16
19	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> , 2002 , 7, 548-50	3.7	28
18	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> , 2002 , 518, 9-20	3	118
17	Optimisation of transfection conditions of CD34+ hematopoietic cells derived from human umbilical cord blood.. <i>Acta Biochimica Polonica</i> , 2002 , 49, 625-632	2	2
16	Further evidence that oxidative stress may be a risk factor responsible for the development of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2001 , 31, 542-7	7.8	59
15	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 ₂ O ₂ . <i>Blood</i> , 2000 , 95, 2960-2966	2.2	57
14	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> , 1999 , 440, 19-25	3	43
13	Chelating of iron and copper alters properties of DNA in L5178Y cells, as revealed by the comet assay. <i>Mutation Research DNA Repair</i> , 1999 , 434, 53-60		6
12	Ionizing radiation and hydrogen peroxide induced oxidative DNA base damage in two L5178Y cell lines. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 1250-5	7.8	8
11	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> , 1998 , 416, 21-35	3	100
10	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> , 1998 , 416, 37-57	3	46
9	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> , 1998 , 409, 31-6		17
8	Effect of signal transduction inhibition in adapted lymphocytes: micronuclei frequency and DNA repair. <i>International Journal of Radiation Biology</i> , 1997 , 71, 245-52	2.9	22
7	Antioxidant defense system in differentially hydrogen peroxide sensitive L5178Y sublines. <i>Free Radical Biology and Medicine</i> , 1997 , 22, 697-704	7.8	21
6	Interaction of some organic platinum (II) complexes with L5178Y-R and L5178Y-S cells. <i>Chemico-Biological Interactions</i> , 1997 , 105, 145-55	5	4
5	Anti-CD38 prevents the development of the adaptive response induced by X-rays in human lymphocytes. <i>Mutagenesis</i> , 1996 , 11, 593-6	2.8	10

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1	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> , 1994 , 308, 233-41	3	48