

Andrea Hartwig

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.

147
papers

7,864
citations

47
h-index

86
g-index

158
ext. papers

8,645
ext. citations

4.4
avg, IF

6.41
L-index

#	Paper	IF	Citations
147	Impact of the Cellular Zinc Status on PARP-1 Activity and Genomic Stability in HeLa S3 Cells. <i>Chemical Research in Toxicology</i> , 2021 , 34, 839-848	4	1
146	Impact of Differentiated Macrophage-Like Cells on the Transcriptional Toxicity Profile of CuO Nanoparticles in Co-Cultured Lung Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
145	Impact of Nanocomposite Combustion Aerosols on A549 Cells and a 3D Airway Model. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
144	A fast and reliable method for monitoring genomic instability in the model organism <i>Caenorhabditis elegans</i> . <i>Archives of Toxicology</i> , 2021 , 95, 3417-3424	5.8	0
143	In Vitro Nephrotoxicity Studies of Established and Experimental Platinum-Based Compounds. <i>Biomedicines</i> , 2021 , 9,	4.8	1
142	Mode of action-based risk assessment of genotoxic carcinogens. <i>Archives of Toxicology</i> , 2020 , 94, 1787-1887	5.87	46
141	PARP1 Is Required for ATM-Mediated p53 Activation and p53-Mediated Gene Expression after Ionizing Radiation. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1933-1940	4	6
140	Comparative Study of the Mode of Action of Clinically Approved Platinum-Based Chemotherapeutics. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
139	PARP1 catalytic variants reveal branching and chain length-specific functions of poly(ADP-ribose) in cellular physiology and stress response. <i>Nucleic Acids Research</i> , 2020 , 48, 10015-10033	20.1	20
138	The Reactions of HO and GSNO with the Zinc Finger Motif of XPA. Not A Regulatory Mechanism, But No Synergy with Cadmium Toxicity. <i>Molecules</i> , 2020 , 25,	4.8	3
137	Response to Salaspuro and Lachenmeier, 2020, letter to the editor in <i>Archives of Toxicology</i> . <i>Archives of Toxicology</i> , 2020 , 94, 3929-3930	5.8	
136	Toxicity and Gene Expression Profiling of Copper- and Titanium-Based Nanoparticles Using Air-Liquid Interface Exposure. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1237-1249	4	10
135	Impact of Endocytosis and Lysosomal Acidification on the Toxicity of Copper Oxide Nano- and Microsized Particles: Uptake and Gene Expression Related to Oxidative Stress and the DNA Damage Response. <i>Nanomaterials</i> , 2020 , 10,	5.4	10
134	Quantification of Mineral Oil Aromatic Hydrocarbons (MOAH) in Anhydrous Cosmetics Using 1H NMR. <i>Journal of Chemistry</i> , 2019 , 2019, 1-10	2.3	2
133	Competition between Al and Fe binding to human transferrin and toxicological implications: structural investigations using ultra-high resolution ESI MS and CD spectroscopy. <i>Metallomics</i> , 2019 , 11, 968-981	4.5	11
132	Classification or non-classification of substances with positive tumor findings in animal studies: Guidance by the German MAK commission. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 108, 104444	3.4	1
131	Essentielle Spurenelemente und toxische Metallverbindungen. <i>Chemie in Unserer Zeit</i> , 2019 , 53, 292-299.	0.2	

130	The C-terminal domain of p53 orchestrates the interplay between non-covalent and covalent poly(ADP-ribosyl)ation of p53 by PARP1. <i>Nucleic Acids Research</i> , 2018 , 46, 804-822	20.1	52
129	BPDE-induced genotoxicity: relationship between DNA adducts, mutagenicity in the in vitro PIG-A assay, and the transcriptional response to DNA damage in TK6 cells. <i>Archives of Toxicology</i> , 2018 , 92, 541-551	5.8	23
128	Activity profile of the cisplatin analogue PN149 in different tumor cell lines. <i>Biochemical Pharmacology</i> , 2018 , 156, 109-119	6	11
127	Cadmium and Its Impact on Genomic Stability 2018 , 107-125		4
126	Wirkungsmechanismen toxischer und kanzerogener Metallverbindungen. <i>BioSpektrum</i> , 2018 , 24, 334-335.1		
125	Stepwise copper(i) binding to metallothionein: a mixed cooperative and non-cooperative mechanism for all 20 copper ions. <i>Metallomics</i> , 2017 , 9, 447-462	4.5	30
124	The Pig-a Gene Mutation Assay in Mice and Human Cells: A Review. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 121 Suppl 3, 78-92	3.1	19
123	Low concentrations of antimony impair DNA damage signaling and the repair of radiation-induced DSB in HeLa S3 cells. <i>Archives of Toxicology</i> , 2017 , 91, 3823-3833	5.8	10
122	Comparison between micro- and nanosized copper oxide and water soluble copper chloride: interrelationship between intracellular copper concentrations, oxidative stress and DNA damage response in human lung cells. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 28	8.4	47
121	Evaluation of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) in pure mineral hydrocarbon-based cosmetics and cosmetic raw materials using 1H NMR spectroscopy. <i>F1000Research</i> , 2017 , 6, 682	3.6	8
120	Toxic Metals and Metalloids in Foods 2017 , 209-222		
119	Platinum(IV)-nitroxyl complexes as possible candidates to circumvent cisplatin resistance in RT112 bladder cancer cells. <i>Archives of Toxicology</i> , 2017 , 91, 785-797	5.8	17
118	Evaluation of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) in pure mineral hydrocarbon-based cosmetics and cosmetic raw materials using H NMR spectroscopy. <i>F1000Research</i> , 2017 , 6, 682	3.6	12
117	n-Butylacrylat [MAK Value Documentation in German language, 2017] 2017 , 2, 88-98		
116	The Health Effects of Aluminum Exposure. <i>Deutsches A&#x0308;rztblatt International</i> , 2017 , 114, 653-659	2.5	100
115	Kalibrierung [Air Monitoring Methods in German language, 2016] 2016 , 1, 1319-1339		
114	Aufklarung toxischer Wirkmechanismen mittels Hochdurchsatz-RT-qPCR. <i>BioSpektrum</i> , 2016 , 22, 499-500.1		
113	Single nucleotide polymorphisms in DNA repair genes and putative cancer risk. <i>Archives of Toxicology</i> , 2016 , 90, 2369-88	5.8	31

112	Use of high-throughput RT-qPCR to assess modulations of gene expression profiles related to genomic stability and interactions by cadmium. <i>Archives of Toxicology</i> , 2016 , 90, 2745-2761	5.8	31
111	Analysis of inflammatory markers and metals in nasal lavage fluid of welders. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 1144-1157	3.2	9
110	DNA damage and repair kinetics of the <i>Alternaria</i> mycotoxins alternariol, altertoxin II and stemphytoxin III in cultured cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016 , 798-799, 27-34	3	38
109	The in vitro PIG-A gene mutation assay: glycosylphosphatidylinositol (GPI)-related genotype-to-phenotype relationship in TK6 cells. <i>Archives of Toxicology</i> , 2016 , 90, 1729-36	5.8	16
108	Unusual Zn(II) Affinities of Zinc Fingers of Poly(ADP-ribose)Polymerase 1 (PARP-1) Nuclear Protein. <i>Chemical Research in Toxicology</i> , 2015 , 28, 191-201	4	11
107	Oxidatively damaged guanosine in white blood cells and in urine of welders: associations with exposure to welding fumes and body iron stores. <i>Archives of Toxicology</i> , 2015 , 89, 1257-69	5.8	13
106	In vitro and in vivo genotoxicity investigations of differently sized amorphous SiO ₂ nanomaterials. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015 , 794, 57-74	3	56
105	The in vitro PIG-A gene mutation assay: mutagenicity testing via flow cytometry based on the glycosylphosphatidylinositol (GPI) status of TK6 cells. <i>Archives of Toxicology</i> , 2015 , 89, 2429-43	5.8	27
104	Einfluss der Lebensmittelprozessierung auf die Bioverfügbarkeit von Kupfer: Untersuchungen zur zellulären Kupferaufnahme aus CuSO ₄ und Melanoidin-Cu-Komplexen. <i>Perspectives in Science</i> , 2015 , 3, 12-17	0.8	
103	Sulforaphane inhibits damage-induced poly (ADP-ribosyl)ation via direct interaction of its cellular metabolites with PARP-1. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2231-42	5.9	8
102	Quantification of DNA repair capacity towards oxidatively damaged DNA in subcellular and cellular systems by a nonradioactive cleavage assay. <i>Methods in Molecular Biology</i> , 2015 , 1208, 73-84	1.4	2
101	Bioavailability and biotransformation of sulforaphane and erucin metabolites in different biological matrices determined by LC-MS-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1819-29	4.4	17
100	Effects of Exposure to Welding Fume on Lung Function: Results from the German WELDOX Study. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 834, 1-13	3.6	7
99	Cytotoxicity and genotoxicity of nano - and microparticulate copper oxide: role of solubility and intracellular bioavailability. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 10	8.4	121
98	Copper ions interfere with the reduction of the water-soluble tetrazolium salt-8. <i>Chemical Research in Toxicology</i> , 2014 , 27, 169-71	4	18
97	Insulin-like modulation of Akt/FoxO signaling by copper ions is independent of insulin receptor. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 558, 42-50	4.1	16
96	The broccoli-born isothiocyanate sulforaphane impairs nucleotide excision repair: XPA as one potential target. <i>Archives of Toxicology</i> , 2014 , 88, 647-58	5.8	22
95	Influence of welding fume on systemic iron status. <i>Annals of Occupational Hygiene</i> , 2014 , 58, 1143-54		14

94	Sensory irritation as a basis for setting occupational exposure limits. <i>Archives of Toxicology</i> , 2014 , 88, 1855-79	5.8	104
93	Comparison of progestin transcriptional profiles in rat mammary gland using Laser Capture Microdissection and whole tissue-sampling. <i>Experimental and Toxicologic Pathology</i> , 2013 , 65, 949-60		5
92	Metal interaction with redox regulation: an integrating concept in metal carcinogenesis?. <i>Free Radical Biology and Medicine</i> , 2013 , 55, 63-72	7.8	95
91	Levels and predictors of airborne and internal exposure to chromium and nickel among welders--results of the WELDOX study. <i>International Journal of Hygiene and Environmental Health</i> , 2013 , 216, 175-83	6.9	51
90	Cadmium and cancer. <i>Metal Ions in Life Sciences</i> , 2013 , 11, 491-507	2.6	127
89	Impact of cadmium on hOGG1 and APE1 as a function of the cellular p53 status. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012 , 736, 56-63	3.3	17
88	Pro-oxidative effects of melanoidin-copper complexes on isolated and cellular DNA. <i>European Food Research and Technology</i> , 2012 , 234, 663-670	3.4	9
87	Allocation of reliable analytical procedures for human biomonitoring published by the DFG Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area. <i>International Journal of Hygiene and Environmental Health</i> , 2012 , 215, 233-7	6.9	12
86	Toxic metals and metalloids in foods 2012 , 233-249		2
85	Exposure to inhalable, respirable, and ultrafine particles in welding fume. <i>Annals of Occupational Hygiene</i> , 2012 , 56, 557-67		52
84	Levels and predictors of airborne and internal exposure to manganese and iron among welders. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012 , 22, 291-8	6.7	53
83	Arsenicals affect base excision repair by several mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 715, 32-41	3.3	71
82	Classification of skin sensitizing substances: a comparison between approaches used by the DFG-MAK Commission and the European Union legislation. <i>Regulatory Toxicology and Pharmacology</i> , 2011 , 61, 1-8	3.4	3
81	Stellungnahme zur Publikation: Zhang H, Budnik LT, Baur X (2010) Neues zur Toxizität und Kanzerogenität des Begasungsmittels Brommethan. <i>Zbl Arbeitsmed 60: 5880. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie</i> , 2011 , 61, 426-427	0.3	1
80	Antimony impairs nucleotide excision repair: XPA and XPE as potential molecular targets. <i>Chemical Research in Toxicology</i> , 2010 , 23, 1175-83	4	32
79	Highly monodisperse water-dispersible iron oxide nanoparticles for biomedical applications. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7842		73
78	1,4-Naphthoquinones as inducers of oxidative damage and stress signaling in HaCaT human keratinocytes. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 496, 93-100	4.1	95
77	Manganese inhibits poly(ADP-ribosylation) in human cells: a possible mechanism behind manganese-induced toxicity?. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 2062-9		37

76	Genotoxicity of soluble and particulate cadmium compounds: impact on oxidative DNA damage and nucleotide excision repair. <i>Chemical Research in Toxicology</i> , 2010 , 23, 432-42	4	79
75	Mechanisms in cadmium-induced carcinogenicity: recent insights. <i>BioMetals</i> , 2010 , 23, 951-60	3.4	138
74	The role of DNA repair in benzene-induced carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010 , 184, 269-72	5	46
73	Biophysical analysis of the interaction of toxic metal ions and oxidants with the zinc finger domain of XPA. <i>Methods in Molecular Biology</i> , 2010 , 649, 399-410	1.4	13
72	Chemically induced pheochromocytomas in rats: mechanisms and relevance for human risk assessment. <i>Critical Reviews in Toxicology</i> , 2009 , 39, 695-718	5.7	44
71	Mutagenicity testing for chemical risk assessment: update of the WHO/IPCS Harmonized Scheme. <i>Mutagenesis</i> , 2009 , 24, 341-9	2.8	160
70	Establishment of a non-radioactive cleavage assay to assess the DNA repair capacity towards oxidatively damaged DNA in subcellular and cellular systems and the impact of copper. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009 , 669, 122-30	3.3	18
69	Impact of arsenic on nucleotide excision repair: XPC function, protein level, and gene expression. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 572-82	5.9	38
68	Physiological levels of glutathione enhance Zn(II) binding by a Cys4 zinc finger. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 389, 265-8	3.4	15
67	Lebensmittelchemie 2008. <i>Nachrichten Aus Der Chemie</i> , 2009 , 57, 312-316	0.1	2
66	Monomethylarsonous acid destroys a tetrathiolate zinc finger much more efficiently than inorganic arsenite: mechanistic considerations and consequences for DNA repair inhibition. <i>Chemical Research in Toxicology</i> , 2008 , 21, 600-6	4	72
65	No differences in DNA damage and antioxidant capacity between intervention groups of healthy, nonsmoking men receiving 2, 5, or 8 servings/day of vegetables and fruit. <i>Nutrition and Cancer</i> , 2008 , 60, 164-70	2.8	34
64	Identification through microarray gene expression analysis of cellular responses to benzo(a)pyrene and its diol-epoxide that are dependent or independent of p53. <i>Carcinogenesis</i> , 2008 , 29, 202-10	4.6	38
63	Carcinogenic metal compounds: recent insight into molecular and cellular mechanisms. <i>Archives of Toxicology</i> , 2008 , 82, 493-512	5.8	770
62	Reaction of the XPA zinc finger with S-nitrosoglutathione. <i>Chemical Research in Toxicology</i> , 2008 , 21, 386-92	4	16
61	Impact of copper on the induction and repair of oxidative DNA damage, poly(ADP-ribosyl)ation and PARP-1 activity. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 201-10	5.9	33
60	Quantitative electrospray ionization mass spectrometry of zinc finger oxidation: the reaction of XPA zinc finger with H(2)O(2). <i>Analytical Biochemistry</i> , 2007 , 369, 226-31	3.1	17
59	Impact of arsenite and its methylated metabolites on PARP-1 activity, PARP-1 gene expression and poly(ADP-ribosyl)ation in cultured human cells. <i>DNA Repair</i> , 2007 , 6, 61-70	4.3	72

58	Toxicological potential of 2-alkylcyclobutanones--specific radiolytic products in irradiated fat-containing food--in bacteria and human cell lines. <i>Food and Chemical Toxicology</i> , 2007 , 45, 2581-91	4.7	21
57	Bioavailability and genotoxicity of soluble and particulate nickel compounds in cultured human lung cells. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2006 , 37, 521-525	0.9	15
56	Analytical Procedure for the Quantification of in vitro Induced Pt- and Pd-DNA Adducts in Human Lung Cells 2006 , 215-227		
55	Establishing the background level of base oxidation in human lymphocyte DNA: results of an interlaboratory validation study. <i>FASEB Journal</i> , 2005 , 19, 82-4	0.9	354
54	Interaction of selenium compounds with zinc finger proteins involved in DNA repair. <i>FEBS Journal</i> , 2004 , 271, 3190-9		67
53	Toxicological study on 2-alkylcyclobutanones--results of a collaborative study. <i>Radiation Physics and Chemistry</i> , 2004 , 71, 147-150	2.5	18
52	Co(II) and Cd(II) substitute for Zn(II) in the zinc finger derived from the DNA repair protein XPA, demonstrating a variety of potential mechanisms of toxicity. <i>Chemical Research in Toxicology</i> , 2004 , 17, 1452-8	4	134
51	Effects of asbestos on initiation of DNA damage, induction of DNA-strand breaks, P53-expression and apoptosis in primary, SV40-transformed and malignant human mesothelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004 , 558, 81-92	3	40
50	Modulation of DNA repair processes by arsenic and selenium compounds. <i>Toxicology</i> , 2003 , 193, 161-9	4.4	121
49	Measurement of DNA oxidation in human cells by chromatographic and enzymic methods. <i>Free Radical Biology and Medicine</i> , 2003 , 34, 1089-99	7.8	226
48	Very low concentrations of arsenite suppress poly(ADP-ribosyl)ation in mammalian cells. <i>International Journal of Cancer</i> , 2003 , 104, 1-6	7.5	68
47	Mechanism of nickel assault on the zinc finger of DNA repair protein XPA. <i>Chemical Research in Toxicology</i> , 2003 , 16, 242-8	4	69
46	Arsenite and its biomethylated metabolites interfere with the formation and repair of stable BPDE-induced DNA adducts in human cells and impair XPAzF and Fpg. <i>DNA Repair</i> , 2003 , 2, 1449-63	4.3	107
45	Induction of oxidative DNA damage by arsenite and its trivalent and pentavalent methylated metabolites in cultured human cells and isolated DNA. <i>Carcinogenesis</i> , 2003 , 24, 967-74	4.6	171
44	Detection of 2-alkylcyclobutanones, markers for irradiated foods, in adipose tissues of animals fed with these substances. <i>Journal of Food Protection</i> , 2002 , 65, 1610-3	2.5	24
43	Efficient reaction pathway for the synthesis of saturated and mono-unsaturated 2-alkylcyclobutanones. <i>Radiation Physics and Chemistry</i> , 2002 , 65, 233-239	2.5	9
42	Role of DNA repair in particle- and fiber-induced lung injury. <i>Inhalation Toxicology</i> , 2002 , 14, 91-100	2.7	20
41	Effect of soluble and particulate nickel compounds on the formation and repair of stable benzo[a]pyrene DNA adducts in human lung cells. <i>Carcinogenesis</i> , 2002 , 23, 47-53	4.6	47

40	Food-borne radiolytic compounds (2-alkylcyclobutanones) may promote experimental colon carcinogenesis. <i>Nutrition and Cancer</i> , 2002 , 44, 189-91	2.8	35
39	Comparative analysis of baseline 8-oxo-7,8-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus. <i>Carcinogenesis</i> , 2002 , 23, 2129-33	4.6	164
38	Interactions by carcinogenic metal compounds with DNA repair processes: toxicological implications. <i>Toxicology Letters</i> , 2002 , 127, 47-54	4.4	197
37	Inter-laboratory validation of procedures for measuring 8-oxo-7,8-dihydroguanine/8-oxo-7,8-dihydro-2-deoxyguanosine in DNA. <i>Free Radical Research</i> , 2002 , 36, 239-45	4	56
36	Interference by toxic metal ions with zinc-dependent proteins involved in maintaining genomic stability. <i>Food and Chemical Toxicology</i> , 2002 , 40, 1179-84	4.7	117
35	The potential use of mutation spectra in cancer related genes in genetic toxicology: a statement of a GUM working group. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 473, 263-7	3.3	2
34	Role of magnesium in genomic stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 475, 113-21	3.3	392
33	Zinc finger proteins as potential targets for toxic metal ions: differential effects on structure and function. <i>Antioxidants and Redox Signaling</i> , 2001 , 3, 625-34	8.4	211
32	Metallionen zwischen Essenzialität und Toxizität. <i>Chemie in Unserer Zeit</i> , 2000 , 34, 224-231	0.2	6
31	Differential effects of toxic metal compounds on the activities of Fpg and XPA, two zinc finger proteins involved in DNA repair. <i>Carcinogenesis</i> , 2000 , 21, 2097-104	4.6	148
30	Interference by toxic metal compounds with isolated zinc finger DNA repair proteins. <i>Toxicology Letters</i> , 2000 , 112-113, 227-31	4.4	85
29	Nickel(II) increases the sensitivity of V79 Chinese hamster cells towards cisplatin and transplatin by interference with distinct steps of DNA repair. <i>Carcinogenesis</i> , 1999 , 20, 1177-84	4.6	19
28	Effect of Metal Compounds on the Function of Zinc Finger Proteins Involved in DNA Repair 1999 , 159-169		2
27	Nickel(II) inhibits the repair of O6-methylguanine in mammalian cells. <i>Archives of Toxicology</i> , 1998 , 72, 681-9	5.8	20
26	Disruption of DNA repair processes by carcinogenic metal compounds. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 361, 377-380		5
25	Effect of cadmium(II) on the extent of oxidative DNA damage in primary brain cell cultures from <i>Pleurodeles</i> larvae. <i>Toxicology Letters</i> , 1998 , 94, 217-25	4.4	23
24	Carcinogenicity of metal compounds: possible role of DNA repair inhibition. <i>Toxicology Letters</i> , 1998 , 102-103, 235-9	4.4	192
23	Disturbance of DNA damage recognition after UV-irradiation by nickel(II) and cadmium(II) in mammalian cells. <i>Carcinogenesis</i> , 1998 , 19, 617-21	4.6	75

22	Interaction of arsenic(III) with nucleotide excision repair in UV-irradiated human fibroblasts. <i>Carcinogenesis</i> , 1997 , 18, 399-405	4.6	130
21	Induction and repair inhibition of oxidative DNA damage by nickel(II) and cadmium(II) in mammalian cells. <i>Carcinogenesis</i> , 1997 , 18, 1021-6	4.6	184
20	Cobalt(II) inhibits the incision and the polymerization step of nucleotide excision repair in human fibroblasts. <i>Mutation Research DNA Repair</i> , 1997 , 383, 81-9		47
19	Sensitive analysis of oxidative DNA damage in mammalian cells: use of the bacterial Fpg protein in combination with alkaline unwinding. <i>Toxicology Letters</i> , 1996 , 88, 85-90	4.4	79
18	Current aspects in metal genotoxicity. <i>BioMetals</i> , 1995 , 8, 3-11	3.4	164
17	Sensitive nonradioactive detection of UV-induced cyclobutane pyrimidine dimers in intact mammalian cells. <i>Mutation Research DNA Repair</i> , 1995 , 336, 143-52		12
16	Induction of oxidative DNA damage by ferric iron in mammalian cells. <i>Carcinogenesis</i> , 1995 , 16, 3009-13	4.6	32
15	Mechanisms in nickel genotoxicity: the significance of interactions with DNA repair. <i>Toxicology Letters</i> , 1994 , 72, 353-8	4.4	46
14	Role of DNA Repair Inhibition in Lead- and Cadmium-Induced Genotoxicity: A Review. <i>Environmental Health Perspectives</i> , 1994 , 102, 45	8.4	32
13	Cellular damage by ferric nitrilotriacetate and ferric citrate in V79 cells: interrelationship between lipid peroxidation, DNA strand breaks and sister chromatid exchanges. <i>Carcinogenesis</i> , 1993 , 14, 107-12	4.6	67
12	The genetic toxicology of cobalt. <i>Toxicology and Applied Pharmacology</i> , 1992 , 115, 137-45	4.6	84
11	Mechanisms of cobalt(II) uptake into V79 Chinese hamster cells. <i>Archives of Toxicology</i> , 1992 , 66, 592-7	5.8	14
10	Modulation by Co(II) of UV-induced DNA repair, mutagenesis and sister-chromatid exchanges in mammalian cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991 , 248, 177-85	3.3	31
9	Uptake and genotoxicity of micromolar concentrations of cobalt chloride in mammalian cells. <i>Toxicological and Environmental Chemistry</i> , 1990 , 28, 205-215	1.4	7
8	Indirect mechanism of lead-induced genotoxicity in cultured mammalian cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1990 , 241, 75-82		77
7	Comutagenicity and inhibition of DNA repair by metal ions in mammalian cells. <i>Biological Trace Element Research</i> , 1989 , 21, 359-65	4.5	66
6	Enhancement of UV-induced mutagenesis and sister-chromatid exchanges by nickel ions in V79 cells: evidence for inhibition of DNA repair. <i>Mutation Research DNA Repair</i> , 1989 , 217, 65-73		40
5	Genetic toxicology of lead compounds. <i>Carcinogenesis</i> , 1988 , 9, 1727-32	4.6	95

4	Enhancement of UV and chromate mutagenesis by nickel ions in the Chinese hamster HGPRT Assay [Presented January 21, 1986 at the 2nd IAEAC Workshop on Carcinogenic and/or Mutagenic Metal Compounds in CH-1884 Villars-sur-Ollon.. <i>Toxicological and Environmental Chemistry</i> , 1987 , 14, 33-42	1.4	11
3	Arsenic-Induced Carcinogenicity: New Insights in Molecular Mechanism491-510		7
2	Transport of Nanoparticles to the Brain: Concern for Neurotoxicity?53-59		1
1	Metal-Based Nanoparticles with Special Emphasis to Copper65-67		2