

# Tanja Schwerdtle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4728855/publications.pdf>

Version: 2024-02-01

123  
papers

3,546  
citations

117453

34  
h-index

182168

51  
g-index

125  
all docs

125  
docs citations

125  
times ranked

3933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood copper and risk of cardiometabolic diseases: a Mendelian randomization study. <i>Human Molecular Genetics</i> , 2022, 31, 783-791.	1.4	12
2	Bis-choline tetrathiomolybdate prevents copper-induced blood-brain barrier damage. <i>Life Science Alliance</i> , 2022, 5, e202101164.	1.3	11
3	Mechanistic studies on the adverse effects of manganese overexposure in differentiated LUHMES cells. <i>Food and Chemical Toxicology</i> , 2022, 161, 112822.	1.8	5
4	BTBD9 attenuates manganese-induced oxidative stress and neurotoxicity by regulating insulin growth factor signaling pathway. <i>Human Molecular Genetics</i> , 2022, 31, 2207-2222.	1.4	5
5	Differences and Interactions in Placental Manganese and Iron Transfer across an In Vitro Model of Human Villous Trophoblasts. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3296.	1.8	8
6	Revalidierung einer ICP-MS/MS Multielement-Methode und Anwendung auf Serumproben der EPIC-Potsdam Kohorte zur Untersuchung von Spurenelementprofilen als Biomarker für verschiedene Demenztypen. <i>Lebensmittelchemie</i> , 2022, 76, .	0.0	0
7	Sex-dependent metal accumulation and immunoexpression of Hsp70 and Nrf2 in rats' brain following manganese exposure. <i>Environmental Toxicology</i> , 2022, 37, 2167-2177.	2.1	5
8	Development and validation of a liquid chromatography tandem mass spectrometry multi-method for the determination of 41 free and modified mycotoxins in beer. <i>Food Chemistry</i> , 2021, 338, 127801.	4.2	25
9	A potential role for zinc in restless legs syndrome. <i>Sleep</i> , 2021, 44, .	0.6	8
10	Ecotoxicological assessment of Uruguay River and affluents pre- and post-pesticides application using <i>Caenorhabditis elegans</i> for biomonitoring. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21730-21741.	2.7	9
11	Trace element profile and incidence of type 2 diabetes, cardiovascular disease and colorectal cancer: results from the EPIC-Potsdam cohort study. <i>European Journal of Nutrition</i> , 2021, 60, 3267-3278.	1.8	47
12	Development, validation, and application of a multi-method for the determination of mycotoxins, plant growth regulators, tropane alkaloids, and pesticides in cereals by two-dimensional liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3041-3054.	1.9	16
13	Nutritive Manganese and Zinc Overdosing in Aging <i>C. elegans</i> Result in a Metallothionein-Mediated Alteration in Metal Homeostasis. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001176.	1.5	6
14	A matter of concern - Trace element dyshomeostasis and genomic stability in neurons. <i>Redox Biology</i> , 2021, 41, 101877.	3.9	24
15	Variability in Macro- and Micronutrients of 15 Commercially Available Microalgae Powders. <i>Marine Drugs</i> , 2021, 19, 310.	2.2	18
16	Chronic intestinal inflammation drives colorectal tumor formation triggered by dietary heme iron in vivo. <i>Archives of Toxicology</i> , 2021, 95, 2507-2522.	1.9	20
17	Characterizing effects of excess copper levels in a human astrocytic cell line with focus on oxidative stress markers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126711.	1.5	23
18	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.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Retinoic Acid-Loaded Dendritic Polyglycerol-Conjugated Gold Nanostars for Targeted Photothermal Therapy in Breast Cancer Stem Cells. <i>ACS Nano</i> , 2021, 15, 15069-15084.	7.3	55
20	Ageing-associated effects of a long-term dietary modulation of four trace elements in mice. <i>Redox Biology</i> , 2021, 46, 102083.	3.9	7
21	Production and purification of homogenous recombinant human selenoproteins reveals a unique codon skipping event in <i>E. coli</i> and GPX4-specific affinity to bromosulphthalein. <i>Redox Biology</i> , 2021, 46, 102070.	3.9	15
22	Toxic effects of thallium acetate by acute exposure to the nematode <i>C. elegans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126848.	1.5	6
23	Capabilities of selenoneine to cross the <i>in vitro</i> blood-brain barrier model. <i>Metallomics</i> , 2021, 13, .	1.0	8
24	Effects of Manganese on Genomic Integrity in the Multicellular Model Organism <i>Caenorhabditis elegans</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 10905.	1.8	4
25	The Nutritional Supply of Iodine and Selenium Affects Thyroid Hormone Axis Related Endpoints in Mice. <i>Nutrients</i> , 2021, 13, 3773.	1.7	8
26	Methylmercury-Induced Metabolic Alterations in <i>Caenorhabditis elegans</i> Are Diet-Dependent. <i>Toxics</i> , 2021, 9, 287.	1.6	9
27	The role of poly(ADP-ribose) polymerases in manganese exposed <i>Caenorhabditis elegans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 57, 21-27.	1.5	21
28	Cross-sectional analysis of trace element status in thyroid disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 58, 126430.	1.5	17
29	Changes of trace element status during aging: results of the EPIC-Potsdam cohort study. <i>European Journal of Nutrition</i> , 2020, 59, 3045-3058.	1.8	41
30	Copper interferes with selenoprotein synthesis and activity. <i>Redox Biology</i> , 2020, 37, 101746.	3.9	23
31	Cellular toxicological characterization of a thioxolated arsenic-containing hydrocarbon. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126563.	1.5	7
32	N-Acetylcysteine as Modulator of the Essential Trace Elements Copper and Zinc. <i>Antioxidants</i> , 2020, 9, 1117.	2.2	14
33	Dendritic polyglycerol-conjugated gold nanostars with different densities of functional groups to regulate osteogenesis in human mesenchymal stem cells. <i>Nanoscale</i> , 2020, 12, 24006-24019.	2.8	8
34	Nutrient Composition of Different Hazelnut Cultivars Grown in Germany. <i>Foods</i> , 2020, 9, 1596.	1.9	17
35	Heme oxygenase 1 protects human colonocytes against ROS formation, oxidative DNA damage and cytotoxicity induced by heme iron, but not inorganic iron. <i>Cell Death and Disease</i> , 2020, 11, 787.	2.7	49
36	A Multi-Endpoint Approach to Base Excision Repair Incision Activity Augmented by PARylation and DNA Damage Levels in Mice: Impact of Sex and Age. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6600.	1.8	7

#	ARTICLE	IF	CITATIONS
37	Postprandial Metabolic Response to Rapeseed Protein in Healthy Subjects. <i>Nutrients</i> , 2020, 12, 2270.	1.7	13
38	Toxicological assessment of arsenic-containing phosphatidylcholines in HepG2 cells. <i>Metallomics</i> , 2020, 12, 1159-1170.	1.0	9
39	Evaluation of oxidative stress and immune parameters of boron exposed males and females. <i>Food and Chemical Toxicology</i> , 2020, 142, 111488.	1.8	9
40	Functional Biomarkers for the Selenium Status in a Human Nutritional Intervention Study. <i>Nutrients</i> , 2020, 12, 676.	1.7	25
41	Development and Validation of a QuEChERS-Based Liquid Chromatography Tandem Mass Spectrometry Multi-Method for the Determination of 38 Native and Modified Mycotoxins in Cereals. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4657-4669.	2.4	39
42	Effects of a Cumulative, Suboptimal Supply of Multiple Trace Elements in Mice: Trace Element Status, Genomic Stability, Inflammation, and Epigenetics. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000325.	1.5	7
43	Therapeutic Efficacy of the N,N- $\epsilon^2$ Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020, 38, 133-144.	1.3	6
44	Subcellular Localization of Copper in Cellular Bioimaging with Focus on Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2341.	1.8	34
45	Toxicity of three types of arsenolipids: species-specific effects in <i>Caenorhabditis elegans</i> . <i>Metallomics</i> , 2020, 12, 794-798.	1.0	21
46	GPx3 dysregulation impacts adipose tissue insulin receptor expression and sensitivity. <i>JCI Insight</i> , 2020, 5, .	2.3	29
47	Aging affects sex- and organ-specific trace element profiles in mice. <i>Aging</i> , 2020, 12, 13762-13790.	1.4	14
48	Reprotoxicity of glyphosate-based formulation in <i>Caenorhabditis elegans</i> is not due to the active ingredient only. <i>Environmental Pollution</i> , 2019, 252, 1854-1862.	3.7	27
49	A Zinpyr-1-based Fluorimetric Microassay for Free Zinc in Human Serum. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4006.	1.8	31
50	Crosstalk of Nrf2 with the Trace Elements Selenium, Iron, Zinc, and Copper. <i>Nutrients</i> , 2019, 11, 2112.	1.7	37
51	Boron-exposed male workers in Turkey: no change in sperm Y:X chromosome ratio and in offspring's sex ratio. <i>Archives of Toxicology</i> , 2019, 93, 743-751.	1.9	11
52	Selenoneine and ergothioneine in human blood cells determined simultaneously by HPLC/ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 127-134.	1.6	19
53	Zn homeostasis in genetic models of Parkinson's disease in <i>Caenorhabditis elegans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 55, 44-49.	1.5	16
54	Selenoneine ameliorates peroxide-induced oxidative stress in <i>C. elegans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 55, 78-81.	1.5	9

#	ARTICLE	IF	CITATIONS
55	A quick and simple method for the determination of six trace elements in mammalian serum samples using ICP-MS/MS. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 221-225.	1.5	20
56	Mussel-inspired coatings with tunable wettability, for enhanced antibacterial efficiency and reduced bacterial adhesion. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3438-3445.	2.9	37
57	Metabolic footprint and intestinal microbial changes in response to dietary proteins in a pig model. <i>Journal of Nutritional Biochemistry</i> , 2019, 67, 149-160.	1.9	4
58	Environmental boron exposure does not induce DNA damage in lymphocytes and buccal cells of females. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 150-153.	1.5	9
59	Side-€Directed Transfer and Presystemic Metabolism of Selenoneine in a Human Intestinal Barrier Model. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900080.	1.5	8
60	Treatment of <i>Caenorhabditis elegans</i> with Small Selenium Species Enhances Antioxidant Defense Systems. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1801304.	1.5	11
61	Lipid-soluble arsenic species identified in the brain of the marine fish skipjack tuna ( <i>Katsuwonus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlap Spectrometry, 2019, 34, 2440-2450.	1.6	19
62	Sex-Specific Response of <i>Caenorhabditis elegans</i> to Methylmercury Toxicity. <i>Neurotoxicity Research</i> , 2019, 35, 208-216.	1.3	14
63	Evaluation of the DNA damage in lymphocytes, sperm and buccal cells of workers under environmental and occupational boron exposure conditions. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 33-39.	0.9	11
64	Small Molecule Modifiers of In Vitro Manganese Transport Alter Toxicity In Vivo. <i>Biological Trace Element Research</i> , 2019, 188, 127-134.	1.9	5
65	Arsenic-containing hydrocarbons disrupt a model in vitro blood-cerebrospinal fluid barrier. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 171-177.	1.5	12
66	Arsenic-containing hydrocarbons: effects on gene expression, epigenetics, and biotransformation in HepG2 cells. <i>Archives of Toxicology</i> , 2018, 92, 1751-1765.	1.9	21
67	Oxidants produced by methylglyoxal-modified collagen trigger ER stress and apoptosis in skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2018, 120, 102-113.	1.3	26
68	Effects of arsenolipids on in vitro blood-brain barrier model. <i>Archives of Toxicology</i> , 2018, 92, 823-832.	1.9	38
69	Single-cell analysis by ICP-MS/MS as a fast tool for cellular bioavailability studies of arsenite. <i>Metallomics</i> , 2018, 10, 73-76.	1.0	45
70	The crux of inept biomarkers for risks and benefits of trace elements. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 104, 183-190.	5.8	39
71	Selenium and Toxicological Aspects: Cytotoxicity, Cellular Bioavailability, and Biotransformation of Se Species. <i>Molecular and Integrative Toxicology</i> , 2018, , 373-391.	0.5	0
72	Biosynthesis and isolation of selenoneine from genetically modified fission yeast. <i>Metallomics</i> , 2018, 10, 1532-1538.	1.0	20

#	ARTICLE	IF	CITATIONS
73	Selenium species-dependent toxicity, bioavailability and metabolic transformations in <i>Caenorhabditis elegans</i> . <i>Metallomics</i> , 2018, 10, 818-827.	1.0	43
74	Development, validation and application of an ICP-MS/MS method to quantify minerals and (ultra-)trace elements in human serum. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 157-163.	1.5	44
75	The cytoplasmic thioredoxin system in <i>Caenorhabditis elegans</i> affords protection from methylmercury in an age-specific manner. <i>NeuroToxicology</i> , 2018, 68, 189-202.	1.4	5
76	Evaluation of FSH, LH, testosterone levels and semen parameters in male boron workers under extreme exposure conditions. <i>Archives of Toxicology</i> , 2018, 92, 3051-3059.	1.9	19
77	Role of <i>Caenorhabditis elegans</i> AKT-1/2 and SGK-1 in Manganese Toxicity. <i>Neurotoxicity Research</i> , 2018, 34, 584-596.	1.3	26
78	Birth weights of newborns and pregnancy outcomes of environmentally boron-exposed females in Turkey. <i>Archives of Toxicology</i> , 2018, 92, 2475-2485.	1.9	20
79	Tracing cytotoxic effects of small organic Se species in human liver cells back to total cellular Se and Se metabolites. <i>Metallomics</i> , 2017, 9, 268-277.	1.0	16
80	Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons. <i>Archives of Toxicology</i> , 2017, 91, 3121-3134.	1.9	49
81	Arsenolipids exert less toxicity in a human neuron astrocyte co-culture as compared to the respective monocultures. <i>Metallomics</i> , 2017, 9, 442-446.	1.0	7
82	Human exposure to organic arsenic species from seafood. <i>Science of the Total Environment</i> , 2017, 580, 266-282.	3.9	358
83	Construction of Functional Coatings with Durable and Broad-Spectrum Antibacterial Potential Based on Mussel-Inspired Dendritic Polyglycerol and in Situ-Formed Copper Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 35411-35418.	4.0	72
84	Towards quantification of toxicity of lithium ion battery electrolytes - development and validation of a liquid-liquid extraction GC-MS method for the determination of organic carbonates in cell culture materials. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6123-6131.	1.9	10
85	Quantitative determination of the sulfur-containing antioxidant ergothioneine by HPLC/ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1571-1581.	1.6	13
86	Lutein Activates the Transcription Factor Nrf2 in Human Retinal Pigment Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5944-5952.	2.4	58
87	Assessing neurodevelopmental effects of arsenolipids in pre-differentiated human neurons. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700199.	1.5	17
88	Fat-soluble arsenic - new lipids with a sting in their tail. <i>Lipid Technology</i> , 2016, 28, 96-98.	0.3	4
89	Effects on and transfer across the blood-brain barrier in vitro - Comparison of organic and inorganic mercury species. <i>BMC Pharmacology &amp; Toxicology</i> , 2016, 17, 63.	1.0	41
90	Imaging by Elemental and Molecular Mass Spectrometry Reveals the Uptake of an Arsenolipid in the Brain of <i>Drosophila melanogaster</i> . <i>Analytical Chemistry</i> , 2016, 88, 5258-5263.	3.2	51

#	ARTICLE	IF	CITATIONS
91	Differing cytotoxicity and bioavailability of selenite, methylselenocysteine, selenomethionine, selenosugar 1 and trimethylselenonium ion and their underlying metabolic transformations in human cells. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2622-2632.	1.5	58
92	Evaluating long-term cellular effects of the arsenic species thio-DMAV: qPCR-based gene expression as screening tool. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 37, 78-84.	1.5	8
93	<i>Caenorhabditis elegans</i> as a model system to study post-translational modifications of human transthyretin. <i>Scientific Reports</i> , 2016, 6, 37346.	1.6	12
94	Toxicological characterisation of a thio-arsenosugar-glycerol in human cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 150-156.	1.5	13
95	Arsenic-containing hydrocarbons and arsenic-containing fatty acids: Transfer across and presystemic metabolism in the Caco-2 intestinal barrier model. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2044-2056.	1.5	25
96	Highly sensitive isotope-dilution liquid-chromatography-electrospray ionization-tandem-mass spectrometry approach to study the drug-mediated modulation of dopamine and serotonin levels in <i>Caenorhabditis elegans</i> . <i>Talanta</i> , 2015, 144, 71-79.	2.9	18
97	In vitro toxicological characterisation of arsenic-containing fatty acids and three of their metabolites. <i>Toxicology Research</i> , 2015, 4, 1289-1296.	0.9	48
98	Toxicity of organic and inorganic mercury species in differentiated human neurons and human astrocytes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 32, 200-208.	1.5	91
99	Loss of pdr-1/parkin influences Mn homeostasis through altered ferroportin expression in <i>C. elegans</i> . <i>Metallomics</i> , 2015, 7, 847-856.	1.0	30
100	The blood-cerebrospinal fluid barrier - first evidence for an active transport of organic mercury compounds out of the brain. <i>Metallomics</i> , 2015, 7, 1420-1430.	1.0	32
101	DNA Damage Induced by Manganese. <i>Issues in Toxicology</i> , 2014, , 604-620.	0.2	2
102	Uptake and toxicity of arsenite and arsenate in cultured brain astrocytes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 328-337.	1.5	20
103	On-line species-unspecific isotope dilution analysis in the picomolar range reveals the time- and species-depending mercury uptake in human astrocytes. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1909-1916.	1.9	14
104	Mechanisms of Hg species induced toxicity in cultured human astrocytes: genotoxicity and DNA-damage response. <i>Metallomics</i> , 2014, 6, 662-671.	1.0	44
105	Toxicity of arsenite and thio-DMAV after long-term (21 days) incubation of human urothelial cells: cytotoxicity, genotoxicity and epigenetics. <i>Toxicology Research</i> , 2014, 3, 456-464.	0.9	9
106	In vitro toxicological characterisation of three arsenic-containing hydrocarbons. <i>Metallomics</i> , 2014, 6, 1023-1033.	1.0	118
107	Synthesis and Characterization of Arsenolipids: Naturally Occurring Arsenic Compounds in Fish and Algae. <i>Organometallics</i> , 2014, 33, 1397-1403.	1.1	66
108	Arsenic-containing hydrocarbons are toxic in the in vivo model <i>Drosophila melanogaster</i> . <i>Metallomics</i> , 2014, 6, 2010-2014.	1.0	57

#	ARTICLE	IF	CITATIONS
109	Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 138-146.	1.5	45
110	The effects of pdr1, djr1.1 and pink1 loss in manganese-induced toxicity and the role of $\alpha$ -synuclein in <i>C. elegans</i> . <i>Metallomics</i> , 2014, 6, 476-490.	1.0	85
111	In vitro toxicological characterisation of the S-containing arsenic metabolites thio-dimethylarsinic acid and dimethylarsinic glutathione. <i>Toxicology</i> , 2013, 305, 109-119.	2.0	41
112	In vitro intestinal bioavailability of arsenosugar metabolites and presystemic metabolism of thio-dimethylarsinic acid in Caco-2 cells. <i>Metallomics</i> , 2013, 5, 1031.	1.0	29
113	Molecular mechanisms of Mn induced neurotoxicity: $\text{ROS}$ generation, genotoxicity, and DNA damage response. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1255-1269.	1.5	34
114	Cytotoxicity and Fluorescence Visualization of Ergot Alkaloids in Human Cell Lines. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 462-471.	2.4	27
115	In vitro toxicological characterization of two arsenosugars and their metabolites. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1270-1282.	1.5	79
116	Effects of manganese and arsenic species on the level of energy related nucleotides in human cells. <i>Metallomics</i> , 2012, 4, 297.	1.0	24
117	Impact of Manganese on and Transfer across Blood-Brain and Blood-Cerebrospinal Fluid Barrier in Vitro. <i>Journal of Biological Chemistry</i> , 2012, 287, 17140-17151.	1.6	67
118	Toxicological Characterization of the Inorganic and Organic Arsenic Metabolite Thio-DMA in Cultured Human Lung Cells. <i>Journal of Toxicology</i> , 2011, 2011, 1-9.	1.1	18
119	Arsenicals affect base excision repair by several mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 32-41.	0.4	83
120	Manganese inhibits poly(ADP-ribose)ylation in human cells: a possible mechanism behind manganese-induced toxicity?. <i>Journal of Environmental Monitoring</i> , 2010, 12, 2062.	2.1	40
121	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, 122-130.	0.4	19
122	Impact of copper on the induction and repair of oxidative DNA damage, poly(ADP-ribose)ylation and PARP-1 activity. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 201-210.	1.5	35
123	Arsenite and its biomethylated metabolites interfere with the formation and repair of stable BPDE-induced DNA adducts in human cells and impair XPA $\zeta$ and Fpg. <i>DNA Repair</i> , 2003, 2, 1449-1463.	1.3	115