

Peter MÃ,ller

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

13,911
citations

12330

69
h-index

25787

108
g-index

203
all docs

203
docs citations

203
times ranked

14205
citing authors

#	ARTICLE	IF	CITATIONS
1	A mix of chlorogenic and caffeic acid reduces C/EBP β and PPAR γ 1 levels and counteracts lipid accumulation in macrophages. <i>European Journal of Nutrition</i> , 2022, 61, 1003-1014.	3.9	7
2	Measurement of oxidatively damaged DNA in mammalian cells using the comet assay: Reflections on validity, reliability and variability. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 873, 503423.	1.7	17
3	Developmental toxicity of engineered nanomaterials. , 2022, , 285-305.		0
4	Vitamin D Counteracts Lipid Accumulation, Augments Free Fatty Acid-Induced ABCA1 and CPT-1A Expression While Reducing CD36 and C/EBP β Protein Levels in Monocyte-Derived Macrophages. <i>Biomedicines</i> , 2022, 10, 775.	3.2	8
5	Do cytotoxicity and cell death cause false positive results in the in vitro comet assay?. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 881, 503520.	1.7	20
6	A Review of the Current State of Nanomedicines for Targeting and Treatment of Cancers: Achievements and Future Challenges. <i>Advanced Therapeutics</i> , 2021, 4, 2000186.	3.2	7
7	Telomere length in newborns is associated with exposure to low levels of air pollution during pregnancy. <i>Environment International</i> , 2021, 146, 106202.	10.0	28
8	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371.	5.5	45
9	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE ^{0/0} mice. <i>FASEB Journal</i> , 2021, 35, e21307.	0.5	8
10	Collection and storage of human white blood cells for analysis of DNA damage and repair activity using the comet assay in molecular epidemiology studies. <i>Mutagenesis</i> , 2021, 36, 193-212.	2.6	20
11	Reactive oxygen species production, genotoxicity and telomere length in FE1-Muta β Mouse lung epithelial cells exposed to carbon nanotubes. <i>Nanotoxicology</i> , 2021, 15, 661-672.	3.0	18
12	Biomarkers of nucleic acid oxidation – A summary state-of-the-art. <i>Redox Biology</i> , 2021, 42, 101872.	9.0	51
13	Inflammatory Response, Reactive Oxygen Species Production and DNA Damage in Mice After Intrapleural Exposure to Carbon Nanotubes. <i>Toxicological Sciences</i> , 2021, 183, 184-194.	3.1	11
14	Genotoxicity of multi-walled carbon nanotube reference materials in mammalian cells and animals. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 788, 108393.	5.5	20
15	In vitro-in vivo correlations of pulmonary inflammogenicity and genotoxicity of MWCNT. <i>Particle and Fibre Toxicology</i> , 2021, 18, 25.	6.2	39
16	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	3.3	36
17	Occupational exposure and markers of genetic damage, systemic inflammation and lung function: a Danish cross-sectional study among air force personnel. <i>Scientific Reports</i> , 2021, 11, 17998.	3.3	6
18	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. <i>Archives of Toxicology</i> , 2021, 95, 3407-3416.	4.2	9

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19	Pro-inflammatory response and genotoxicity caused by clay and graphene nanomaterials in A549 and THP-1 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 872, 503405.	1.7	18
20	Impact of 12-month cryopreservation on endogenous DNA damage in whole blood and isolated mononuclear cells evaluated by the comet assay. <i>Scientific Reports</i> , 2021, 11, 363.	3.3	10
21	Biomarkers of DNA Oxidation Products: Links to Exposure and Disease in Public Health Studies. <i>Chemical Research in Toxicology</i> , 2021, 34, 2235-2250.	3.3	10
22	Measurement of DNA damage with the comet assay in high-prevalence diseases: current status and future directions. <i>Mutagenesis</i> , 2020, 35, 5-18.	2.6	41
23	Application of the comet assay in human biomonitoring: An hCOMET perspective. <i>Mutation Research - Reviews in Mutation Research</i> , 2020, 783, 108288.	5.5	95
24	Hazard assessment of small-size plastic particles: is the conceptual framework of particle toxicology useful?. <i>Food and Chemical Toxicology</i> , 2020, 136, 111106.	3.6	29
25	An optimized comet-based in vitro DNA repair assay to assess base and nucleotide excision repair activity. <i>Nature Protocols</i> , 2020, 15, 3844-3878.	12.0	33
26	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. <i>Nature Protocols</i> , 2020, 15, 3817-3826.	12.0	189
27	Assessment of reactive oxygen species production and genotoxicity of rare earth mining dust: Implications for public health and mining management. <i>Science of the Total Environment</i> , 2020, 740, 139759.	8.0	9
28	Organomodified nanoclays induce less inflammation, acute phase response, and genotoxicity than pristine nanoclays in mice lungs. <i>Nanotoxicology</i> , 2020, 14, 869-892.	3.0	13
29	Inflammation, oxidative stress and genotoxicity responses to biodiesel emissions in cultured mammalian cells and animals. <i>Critical Reviews in Toxicology</i> , 2020, 50, 383-401.	3.9	23
30	Effect of combustion-derived particles on genotoxicity and telomere length: A study on human cells and exposed populations. <i>Toxicology Letters</i> , 2020, 322, 20-31.	0.8	12
31	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , 2020, 35, 341-348.	2.6	32
32	The mechanism-based toxicity screening of particles with use in the food and nutrition sector via the ToxTracker reporter system. <i>Toxicology in Vitro</i> , 2019, 61, 104594.	2.4	16
33	Health effects of exposure to diesel exhaust in diesel-powered trains. <i>Particle and Fibre Toxicology</i> , 2019, 16, 21.	6.2	27
34	Toxicological Hazard Analysis of Nanomaterials With Potential for Utilization in Consumer Goods. , 2019, , 355-380.		2
35	Technical recommendations to perform the alkaline standard and enzyme-modified comet assay in human biomonitoring studies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 24-32.	1.7	58
36	DNA repair as a human biomonitoring tool: Comet assay approaches. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 781, 71-87.	5.5	40

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37	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science & Technology</i> , 2019, 53, 4579-4587.	10.0	13
38	Telomere length and genotoxicity in the lung of rats following intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Mutagenesis</i> , 2019, 34, 203-214.	2.6	31
39	Fish and salad consumption are inversely associated with levels of oxidatively damaged DNA in a Danish adult cohort. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 66-72.	1.7	6
40	Anthocyanins and metabolites resolve TNF- α -mediated production of E-selectin and adhesion of monocytes to endothelial cells. <i>Chemico-Biological Interactions</i> , 2019, 300, 49-55.	4.0	28
41	Effect of age and sex on the level of DNA strand breaks and oxidatively damaged DNA in human blood cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 838, 16-21.	1.7	22
42	The comet assay: ready for 30 more years. <i>Mutagenesis</i> , 2018, 33, 1-7.	2.6	95
43	Role of microbiota-derived lipopolysaccharide in adipose tissue inflammation, adipocyte size and pyroptosis during obesity. <i>Nutrition Research Reviews</i> , 2018, 31, 153-163.	4.1	144
44	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. <i>Mutagenesis</i> , 2018, 33, 9-19.	2.6	50
45	Vasomotor function in rat arteries after ex vivo and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Particle and Fibre Toxicology</i> , 2018, 15, 12.	6.2	14
46	A Flow Cytometry-based Method for the Screening of Nanomaterial-induced Reactive Oxygen Species Production in Leukocytes Subpopulations in Whole Blood. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 149-156.	2.5	10
47	Does intranasal instillation of T ₂ cause pulmonary tumorigenesis in male mice?. <i>Environmental Toxicology</i> , 2018, 33, 1095-1096.	4.0	2
48	Association between polycyclic aromatic hydrocarbon exposure and peripheral blood mononuclear cell DNA damage in human volunteers during fire extinction exercises. <i>Mutagenesis</i> , 2018, 33, 105-115.	2.6	39
49	Nanodelivery systems and stabilized solid-drug nanoparticles for orally administered medicine: current landscape. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7575-7605.	6.7	33
50	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology. <i>Critical Reviews in Toxicology</i> , 2018, 48, 761-788.	3.9	30
51	Assessment of polycyclic aromatic hydrocarbon exposure, lung function, systemic inflammation, and genotoxicity in peripheral blood mononuclear cells from firefighters before and after a work shift. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 539-548.	2.2	36
52	Inhalation of House Dust and Ozone Alters Systemic Levels of Endothelial Progenitor Cells, Oxidative Stress, and Inflammation in Elderly Subjects. <i>Toxicological Sciences</i> , 2018, 163, 353-363.	3.1	19
53	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018, 120, 321-327.	3.6	10
54	Telomere shortening and aortic plaque progression in Apolipoprotein E knockout mice after pulmonary exposure to candle light combustion particles. <i>Mutagenesis</i> , 2018, 33, 253-261.	2.6	9

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55	Nanomaterial-induced cell death in pulmonary and hepatic cells following exposure to three different metallic materials: The role of autophagy and apoptosis. <i>Nanotoxicology</i> , 2017, 11, 184-200.	3.0	24
56	Lung inflammation and genotoxicity in mice lungs after pulmonary exposure to candle light combustion particles. <i>Toxicology Letters</i> , 2017, 276, 31-38.	0.8	23
57	Hepatic Hazard Assessment of Silver Nanoparticle Exposure in Healthy and Chronically Alcohol Fed Mice. <i>Toxicological Sciences</i> , 2017, 158, 176-187.	3.1	22
58	Weight of evidence analysis for assessing the genotoxic potential of carbon nanotubes. <i>Critical Reviews in Toxicology</i> , 2017, 47, 871-888.	3.9	40
59	Assessment of evidence for nanosized titanium dioxide-generated DNA strand breaks and oxidatively damaged DNA in cells and animal models. <i>Nanotoxicology</i> , 2017, 11, 1237-1256.	3.0	24
60	Integrin Targeting and Toxicological Assessment of Peptide-Conjugated Liposome Delivery Systems to Activated Endothelial Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 380-389.	2.5	10
61	Evaluating the mechanistic evidence and key data gaps in assessing the potential carcinogenicity of carbon nanotubes and nanofibers in humans. <i>Critical Reviews in Toxicology</i> , 2017, 47, 1-58.	3.9	83
62	Biodistribution of Carbon Nanotubes in Animal Models. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 30-43.	2.5	72
63	Repair activity of oxidatively damaged DNA and telomere length in human lung epithelial cells after exposure to multi-walled carbon nanotubes. <i>Mutagenesis</i> , 2017, 32, 173-180.	2.6	24
64	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. <i>Heliyon</i> , 2017, 3, e00458.	3.2	9
65	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. <i>Environmental Health</i> , 2017, 16, 96.	4.0	17
66	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <i>Environmental Health Perspectives</i> , 2017, 125, 106002.	6.0	274
67	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolar-endothelial co-cultures. <i>Nanotoxicology</i> , 2016, 10, 1-10.	3.0	32
68	High-fat but not sucrose intake is essential for induction of dyslipidemia and non-alcoholic steatohepatitis in guinea pigs. <i>Nutrition and Metabolism</i> , 2016, 13, 51.	3.0	29
69	Different effects of anthocyanins and phenolic acids from wild blueberry (<i>Vaccinium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 environment. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2355-2366.	3.3	37
70	Exposure to ultrafine particles, intracellular production of reactive oxygen species in leukocytes and altered levels of endothelial progenitor cells. <i>Toxicology</i> , 2016, 359-360, 11-18.	4.2	25
71	A Multilaboratory Toxicological Assessment of a Panel of 10 Engineered Nanomaterials to Human Health-ENPRA Project-The Highlights, Limitations, and Current and Future Challenges. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016, 19, 1-28.	6.5	112
72	Atherosclerosis and vasomotor dysfunction in arteries of animals after exposure to combustion-derived particulate matter or nanomaterials. <i>Critical Reviews in Toxicology</i> , 2016, 46, 437-476.	3.9	54

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73	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. <i>Toxicology in Vitro</i> , 2016, 36, 164-171.	2.4	42
74	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016, 371, 29-40.	4.2	39
75	Anthocyanins and phenolic acids from a wild blueberry (<i>Vaccinium angustifolium</i>) powder counteract lipid accumulation in THP-1-derived macrophages. <i>European Journal of Nutrition</i> , 2016, 55, 171-182.	3.9	24
76	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. <i>PLoS ONE</i> , 2016, 11, e0160731.	2.5	17
77	Hepatic Oxidative Stress, Genotoxicity and Vascular Dysfunction in Lean or Obese Zucker Rats. <i>PLoS ONE</i> , 2015, 10, e0118773.	2.5	13
78	Association between age and repair of oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Mutagenesis</i> , 2015, 30, 695-700.	2.6	22
79	Lessons learned from research on air pollution and other particles in the toxicology of nanomaterials and vice versa. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 77-81.	2.2	0
80	Synergistic Effects of Zinc Oxide Nanoparticles and Fatty Acids on Toxicity to Caco-2 Cells. <i>International Journal of Toxicology</i> , 2015, 34, 67-76.	1.2	58
81	Dynamic regulation of cerebral DNA repair genes by psychological stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 778, 37-43.	1.7	15
82	The influence of flow, shear stress and adhesion molecule targeting on gold nanoparticle uptake in human endothelial cells. <i>Nanoscale</i> , 2015, 7, 11409-11419.	5.6	40
83	Nanomaterial translocation—the biokinetics, tissue accumulation, toxicity and fate of materials in secondary organs—a review. <i>Critical Reviews in Toxicology</i> , 2015, 45, 837-872.	3.9	134
84	No oxidative stress or DNA damage in peripheral blood mononuclear cells after exposure to particles from urban street air in overweight elderly. <i>Mutagenesis</i> , 2015, 30, 635-642.	2.6	17
85	Controlled exposure to diesel exhaust and traffic noise — Effects on oxidative stress and activation in mononuclear blood cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 775, 66-71.	1.0	40
86	Indoor and Outdoor Exposure to Ultrafine, Fine and Microbiologically Derived Particulate Matter Related to Cardiovascular and Respiratory Effects in a Panel of Elderly Urban Citizens. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1667-1686.	2.6	62
87	Acute and subacute pulmonary toxicity and mortality in mice after intratracheal instillation of ZnO nanoparticles in three laboratories. <i>Food and Chemical Toxicology</i> , 2015, 85, 84-95.	3.6	87
88	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. <i>Mutagenesis</i> , 2015, 30, 67-83.	2.6	54
89	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. <i>Nanotoxicology</i> , 2015, 9, 813-824.	3.0	38
90	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 467-477.	3.3	271

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91	Uptake of gold nanoparticles in primary human endothelial cells. <i>Toxicology Research</i> , 2015, 4, 655-666.	2.1	58
92	Measurement of oxidative damage to DNA in nanomaterial exposed cells and animals. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 97-110.	2.2	64
93	Age and metabolic risk factors associated with oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Oncotarget</i> , 2015, 6, 2641-2653.	1.8	34
94	Carbon Black Nanoparticles Promote Endothelial Activation and Lipid Accumulation in Macrophages Independently of Intracellular ROS Production. <i>PLoS ONE</i> , 2014, 9, e106711.	2.5	45
95	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014, 88, 1939-1964.	4.2	99
96	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model. <i>Particle and Fibre Toxicology</i> , 2014, 11, 56.	6.2	70
97	On the search for an intelligible comet assay descriptor. <i>Frontiers in Genetics</i> , 2014, 5, 217.	2.3	36
98	Statistical analysis of comet assay results. <i>Frontiers in Genetics</i> , 2014, 5, 292.	2.3	29
99	Biomarkers of oxidative stress and inflammation after wood smoke exposure in a reconstructed Viking Age house. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 652-661.	2.2	27
100	Vascular and lung function related to ultrafine and fine particles exposure assessed by personal and indoor monitoring: a cross-sectional study. <i>Environmental Health</i> , 2014, 13, 112.	4.0	48
101	Cardiovascular and lung function in relation to outdoor and indoor exposure to fine and ultrafine particulate matter in middle-aged subjects. <i>Environment International</i> , 2014, 73, 372-381.	10.0	85
102	Vascular Effects of Multiwalled Carbon Nanotubes in Dyslipidemic ApoE ^{-/-} Mice and Cultured Endothelial Cells. <i>Toxicological Sciences</i> , 2014, 138, 104-116.	3.1	94
103	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.	5.5	182
104	Accumulation of lipids and oxidatively damaged DNA in hepatocytes exposed to particles. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 350-360.	2.8	59
105	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. <i>Mutation Research - Reviews in Mutation Research</i> , 2014, 762, 133-166.	5.5	250
106	Positive charge, negative effect: the impact of cationic nanoparticles in the brain. <i>Nanomedicine</i> , 2014, 9, 1441-1443.	3.3	5
107	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. <i>Mutagenesis</i> , 2014, 29, 241-249.	2.6	30
108	Pulmonary exposure to particles from diesel exhaust, urban dust or single-walled carbon nanotubes and oxidatively damaged DNA and vascular function in apoE ^{-/-} mice. <i>Nanotoxicology</i> , 2014, 8, 61-71.	3.0	31

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109	DNA-repair measurements by use of the modified comet assay: An inter-laboratory comparison within the European Comet Assay Validation Group (ECVAG). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 60-67.	1.7	37
110	Cytotoxicity, oxidative stress and expression of adhesion molecules in human umbilical vein endothelial cells exposed to dust from paints with or without nanoparticles. <i>Nanotoxicology</i> , 2013, 7, 117-134.	3.0	32
111	An ECVAG inter-laboratory validation study of the comet assay: inter-laboratory and intra-laboratory variations of DNA strand breaks and FPG-sensitive sites in human mononuclear cells. <i>Mutagenesis</i> , 2013, 28, 279-286.	2.6	78
112	An indoor air filtration study in homes of elderly: cardiovascular and respiratory effects of exposure to particulate matter. <i>Environmental Health</i> , 2013, 12, 116.	4.0	92
113	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2 β -deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2377-2391.	5.4	130
114	A single portion of blueberry (<i>Vaccinium corymbosum</i> L) improves protection against DNA damage but not vascular function in healthy male volunteers. <i>Nutrition Research</i> , 2013, 33, 220-227.	2.9	85
115	Association between 8-oxo-7,8-dihydro-2 β -deoxyguanosine Excretion and Risk of Postmenopausal Breast Cancer: Nested Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1289-1296.	2.5	61
116	Oxidatively damaged DNA in animals exposed to particles. <i>Critical Reviews in Toxicology</i> , 2013, 43, 96-118.	3.9	64
117	Pulmonary exposure to carbon black by inhalation or instillation in pregnant mice: Effects on liver DNA strand breaks in dams and offspring. <i>Nanotoxicology</i> , 2012, 6, 486-500.	3.0	135
118	Oxidative damage to DNA by diesel exhaust particle exposure in co-cultures of human lung epithelial cells and macrophages. <i>Mutagenesis</i> , 2012, 27, 693-701.	2.6	66
119	Endothelial Dysfunction in Normal and Prediabetic Rats With Metabolic Syndrome Exposed by Oral Gavage to Carbon Black Nanoparticles. <i>Toxicological Sciences</i> , 2012, 129, 98-107.	3.1	26
120	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. <i>Nanotoxicology</i> , 2012, 6, 453-471.	3.0	118
121	Biomarkers of ambient air pollution and lung cancer: a systematic review. <i>Occupational and Environmental Medicine</i> , 2012, 69, 619-627.	2.8	92
122	Expression of adhesion molecules, monocyte interactions and oxidative stress in human endothelial cells exposed to wood smoke and diesel exhaust particulate matter. <i>Toxicology Letters</i> , 2012, 209, 121-128.	0.8	55
123	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. <i>Toxicology Letters</i> , 2012, 214, 19-26.	0.8	58
124	Inter-laboratory variation in DNA damage using a standard comet assay protocol. <i>Mutagenesis</i> , 2012, 27, 665-672.	2.6	79
125	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. <i>Archives of Biochemistry and Biophysics</i> , 2012, 518, 142-150.	3.0	57
126	Controlled human wood smoke exposure: oxidative stress, inflammation and microvascular function. <i>Particle and Fibre Toxicology</i> , 2012, 9, 7.	6.2	78

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127	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. <i>Nanotoxicology</i> , 2012, 6, 776-788.	3.0	77
128	Biologically relevant oxidants and terminology, classification and nomenclature of oxidatively generated damage to nucleobases and 2-deoxyribose in nucleic acids. <i>Free Radical Research</i> , 2012, 46, 367-381.	3.3	114
129	Harmonising measurements of 8-oxo-7,8-dihydro-2- α -deoxyguanosine in cellular DNA and urine. <i>Free Radical Research</i> , 2012, 46, 541-553.	3.3	45
130	Influence of the OGG1 Ser326Cys polymorphism on oxidatively damaged DNA and repair activity. <i>Free Radical Biology and Medicine</i> , 2012, 52, 118-125.	2.9	38
131	Association between 8-oxo-7,8-dihydroguanine excretion and risk of lung cancer in a prospective study. <i>Free Radical Biology and Medicine</i> , 2012, 52, 167-172.	2.9	60
132	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. <i>Particle and Fibre Toxicology</i> , 2012, 9, 5.	6.2	158
133	Oxidative Stress, Genotoxicity, And Vascular Cell Adhesion Molecule Expression in Cells Exposed to Particulate Matter from Combustion of Conventional Diesel and Methyl Ester Biodiesel Blends. <i>Environmental Science & Technology</i> , 2011, 45, 8545-8551.	10.0	101
134	Hazard identification of particulate matter on vasomotor dysfunction and progression of atherosclerosis. <i>Critical Reviews in Toxicology</i> , 2011, 41, 339-368.	3.9	99
135	Oxidative Stress, DNA Damage, and Inflammation Induced by Ambient Air and Wood Smoke Particulate Matter in Human A549 and THP-1 Cell Lines. <i>Chemical Research in Toxicology</i> , 2011, 24, 168-184.	3.3	201
136	Effect of vitamin C and iron chelation on diesel exhaust particle and carbon black induced oxidative damage and cell adhesion molecule expression in human endothelial cells. <i>Toxicology Letters</i> , 2011, 203, 181-189.	0.8	75
137	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO ₂ . <i>Particle and Fibre Toxicology</i> , 2011, 8, 32.	6.2	85
138	Mutation spectrum in FE1 α -MUTA TM Mouse lung epithelial cells exposed to nanoparticulate carbon black. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 331-337.	2.2	66
139	Assessment and reduction of comet assay variation in relation to DNA damage: studies from the European Comet Assay Validation Group. <i>Mutagenesis</i> , 2010, 25, 109-111.	2.6	87
140	An ECVAG trial on assessment of oxidative damage to DNA measured by the comet assay. <i>Mutagenesis</i> , 2010, 25, 125-132.	2.6	99
141	Role of oxidative damage in toxicity of particulates. <i>Free Radical Research</i> , 2010, 44, 1-46.	3.3	361
142	Aging and oxidatively damaged nuclear DNA in animal organs. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1275-1285.	2.9	99
143	Pulmonary exposure to carbon black nanoparticles and vascular effects. <i>Particle and Fibre Toxicology</i> , 2010, 7, 33.	6.2	85
144	DNA damage and repair activity after broccoli intake in young healthy smokers. <i>Mutagenesis</i> , 2010, 25, 595-602.	2.6	62

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145	Variation in the measurement of DNA damage by comet assay measured by the ECVACÂ inter-laboratory validation trial. <i>Mutagenesis</i> , 2010, 25, 113-123.	2.6	155
146	Oxidative Damage to DNA and Lipids as Biomarkers of Exposure to Air Pollution. <i>Environmental Health Perspectives</i> , 2010, 118, 1126-1136.	6.0	195
147	Oxidative Stress, Inflammation, and DNA Damage in Rats after Intratracheal Instillation or Oral Exposure to Ambient Air and Wood Smoke Particulate Matter. <i>Toxicological Sciences</i> , 2010, 118, 574-585.	3.1	91
148	Recommendations for Standardized Description of and Nomenclature Concerning Oxidatively Damaged Nucleobases in DNA. <i>Chemical Research in Toxicology</i> , 2010, 23, 705-707.	3.3	57
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