Peter MÃ¸ller

List of Publications by Year
in descending order

199 papers	13,911 citations	12303 69 h-index	25716 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/EBPÃŸ and PPAR-Î³1 levels and counteracts lipid accumulation in macrophages. European Journal of Nutrition, 2022, 61, 1003-1014.	1.8	7
2	Measurement of oxidatively damaged DNA in mammalian cells using the comet assay: Reflections on validity, reliability and variability. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 873, 503423.	0.9	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/EBPÎ² Protein Levels in Monocyte-Derived Macrophages. Biomedicines, 2022, 10, 775.	1.4	8
5	Do cytotoxicity and cell death cause false positive results in the in vitro comet assay?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 881, 503520.	0.9	20
6	A Review of the Current State of Nanomedicines for Targeting and Treatment of Cancers: Achievements and Future Challenges. Advanced Therapeutics, 2021, 4, 2000186.	1.6	7
7	Telomere length in newborns is associated with exposure to low levels of air pollution during pregnancy. Environment International, 2021, 146, 106202.	4.8	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. Mutation Research - Reviews in Mutation Research, 2021, 787, 108371.	2.4	45
9	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE ^{â^'/â^'} mice. FASEB Journal, 2021, 35, e21307.	0.2	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. Mutagenesis, 2021, 36, 193-212.	1.0	20
11	Reactive oxygen species production, genotoxicity and telomere length in FE1-Mutaâ„¢Mouse lung epithelial cells exposed to carbon nanotubes. Nanotoxicology, 2021, 15, 661-672.	1.6	18
12	Biomarkers of nucleic acid oxidation â€“ A summary state-of-the-art. Redox Biology, 2021, 42, 101872.	3.9	51
13	Inflammatory Response, Reactive Oxygen Species Production and DNA Damage in Mice After Intrapleural Exposure to Carbon Nanotubes. Toxicological Sciences, 2021, 183, 184-194.	1.4	11
14	Genotoxicity of multi-walled carbon nanotube reference materials in mammalian cells and animals. Mutation Research - Reviews in Mutation Research, 2021, 788, 108393.	2.4	20
15	In vitro-in vivo correlations of pulmonary inflammogenicity and genotoxicity of MWCNT. Particle and Fibre Toxicology, 2021, 18, 25.	2.8	39
16	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. Scientific Reports, 2021, 11, 16793.	1.6	36
17	Occupational exposure and markers of genetic damage, systemic inflammation and lung function: a Danish cross-sectional study among air force personnel. Scientific Reports, 2021, 11, 17998.	1.6	6
18	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. Archives of Toxicology, 2021, 95, 3407-3416.	1.9	9

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19	Pro-inflammatory response and genotoxicity caused by clay and graphene nanomaterials in A549 and THP-1 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 872, 503405.	0.9	18
20	Impact of 12-month cryopreservation on endogenous DNA damage in whole blood and isolated mononuclear cells evaluated by the comet assay. Scientific Reports, 2021, 11, 363.	1.6	10
21	Biomarkers of DNA Oxidation Products: Links to Exposure and Disease in Public Health Studies. Chemical Research in Toxicology, 2021, 34, 2235-2250.	1.7	10
22	Measurement of DNA damage with the comet assay in high-prevalence diseases: current status and future directions. Mutagenesis, 2020, 35, 5-18.	1.0	41
23	Application of the comet assay in human biomonitoring: An hCOMET perspective. Mutation Research - Reviews in Mutation Research, 2020, 783, 108288.	2.4	95
24	Hazard assessment of small-size plastic particles: is the conceptual framework of particle toxicology useful?. Food and Chemical Toxicology, 2020, 136, 111106.	1.8	29
25	An optimized comet-based in vitro DNA repair assay to assess base and nucleotide excision repair activity. Nature Protocols, 2020, 15, 3844-3878.	5.5	33
26	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. Nature Protocols, 2020, 15, 3817-3826.	5.5	189
27	Assessment of reactive oxygen species production and genotoxicity of rare earth mining dust: Implications for public health and mining management. Science of the Total Environment, 2020, 740, 139759.	3.9	9
28	Organomodified nanoclays induce less inflammation, acute phase response, and genotoxicity than pristine nanoclays in mice lungs. Nanotoxicology, 2020, 14, 869-892.	1.6	13
29	Inflammation, oxidative stress and genotoxicity responses to biodiesel emissions in cultured mammalian cells and animals. Critical Reviews in Toxicology, 2020, 50, 383-401.	1.9	23
30	Effect of combustion-derived particles on genotoxicity and telomere length: A study on human cells and exposed populations. Toxicology Letters, 2020, 322, 20-31.	0.4	12
31	Potassium bromate as positive assay control for the Fpg-modified comet assay. Mutagenesis, 2020, 35, 341-348.	1.0	32
32	The mechanism-based toxicity screening of particles with use in the food and nutrition sector via the ToxTracker reporter system. Toxicology in Vitro, 2019, 61, 104594.	1.1	16
33	Health effects of exposure to diesel exhaust in diesel-powered trains. Particle and Fibre Toxicology, 2019, 16, 21.	2.8	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. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 24-32.	0.9	58
36	DNA repair as a human biomonitoring tool: Comet assay approaches. Mutation Research - Reviews in Mutation Research, 2019, 781, 71-87.	2.4	40

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37	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. Environmental Science & Technology, 2019, 53, 4579-4587.	4.6	13
38	Telomere length and genotoxicity in the lung of rats following intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. Mutagenesis, 2019, 34, 203-214.	1.0	31
39	Fish and salad consumption are inversely associated with levels of oxidatively damaged DNA in a Danish adult cohort. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 66-72.	0.9	6
40	Anthocyanins and metabolites resolve TNF-Î±-mediated production of E-selectin and adhesion of monocytes to endothelial cells. Chemico-Biological Interactions, 2019, 300, 49-55.	1.7	28
41	Effect of age and sex on the level of DNA strand breaks and oxidatively damaged DNA in human blood cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 838, 16-21.	0.9	22
42	The comet assay: ready for 30 more years. Mutagenesis, 2018, 33, 1-7.	1.0	95
43	Role of microbiota-derived lipopolysaccharide in adipose tissue inflammation, adipocyte size and pyroptosis during obesity. Nutrition Research Reviews, 2018, 31, 153-163.	2.1	144
44	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. Mutagenesis, 2018, 33, 9-19.	1.0	50
45	Vasomotor function in rat arteries after ex vivo and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. Particle and Fibre Toxicology, 2018, 15, 12.	2.8	14
46	A Flow Cytometryâ€based Method for the Screening of Nanomaterialâ€induced Reactive Oxygen Species Production in Leukocytes Subpopulations in Whole Blood. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 149-156.	1.2	10
47	Does intranasal instillation <scp>T</scp>i<scp>O</scp>₂ cause pulmonary tumorigenesis in male mice?. Environmental Toxicology, 2018, 33, 1095-1096.	2.1	2
48	Association between polycyclic aromatic hydrocarbon exposure and peripheral blood mononuclear cell DNA damage in human volunteers during fire extinction exercises. Mutagenesis, 2018, 33, 105-115.	1.0	39
49	Nanodelivery systems and stabilized solid-drug nanoparticles for orally administered medicine: current landscape. International Journal of Nanomedicine, 2018, Volume 13, 7575-7605.	3.3	33
50	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology. Critical Reviews in Toxicology, 2018, 48, 761-788.	1.9	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. Environmental and Molecular Mutagenesis, 2018, 59, 539-548.	0.9	36
52	Inhalation of House Dust and Ozone Alters Systemic Levels of Endothelial Progenitor Cells, Oxidative Stress, and Inflammation in Elderly Subjects. Toxicological Sciences, 2018, 163, 353-363.	1.4	19
53	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. Food and Chemical Toxicology, 2018, 120, 321-327.	1.8	10
54	Telomere shortening and aortic plaque progression in Apoliprotein E knockout mice after pulmonary exposure to candle light combustion particles. Mutagenesis, 2018, 33, 253-261.	1.0	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. Nanotoxicology, 2017, 11, 184-200.	1.6	24
56	Lung inflammation and genotoxicity in mice lungs after pulmonary exposure to candle light combustion particles. Toxicology Letters, 2017, 276, 31-38.	0.4	23
57	Hepatic Hazard Assessment of Silver Nanoparticle Exposure in Healthy and Chronically Alcohol Fed Mice. Toxicological Sciences, 2017, 158, 176-187.	1.4	22
58	Weight of evidence analysis for assessing the genotoxic potential of carbon nanotubes. Critical Reviews in Toxicology, 2017, 47, 871-888.	1.9	40
59	Assessment of evidence for nanosized titanium dioxide-generated DNA strand breaks and oxidatively damaged DNA in cells and animal models. Nanotoxicology, 2017, 11, 1237-1256.	1.6	24
60	Integrin Targeting and Toxicological Assessment of Peptideâ€Conjugated Liposome Delivery Systems to Activated Endothelial Cells. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 380-389.	1.2	10
61	Evaluating the mechanistic evidence and key data gaps in assessing the potential carcinogenicity of carbon nanotubes and nanofibers in humans. Critical Reviews in Toxicology, 2017, 47, 1-58.	1.9	83
62	Biodistribution of Carbon Nanotubes in Animal Models. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 30-43.	1.2	72
63	Repair activity of oxidatively damaged DNA and telomere length in human lung epithelial cells after exposure to multi-walled carbon nanotubes. Mutagenesis, 2017, 32, 173-180.	1.0	24
64	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. Heliyon, 2017, 3, e00458.	1.4	9
65	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. Environmental Health, 2017, 16, 96.	1.7	17
66	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. Environmental Health Perspectives, 2017, 125, 106002.	2.8	274
67	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolarâ€“endothelial co-cultures. Nanotoxicology, 2016, 10, 1-10.	1.6	32
68	High-fat but not sucrose intake is essential for induction of dyslipidemia and non-alcoholic steatohepatitis in guinea pigs. Nutrition and Metabolism, 2016, 13, 51.	1.3	29
69	Different effects of anthocyanins and phenolic acids from wild blueberry (<i>Vaccinium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 environment. Molecular Nutrition and Food Research, 2016, 60, 2355-2366.	1.5	37
70	Exposure to ultrafine particles, intracellular production of reactive oxygen species in leukocytes and altered levels of endothelial progenitor cells. Toxicology, 2016, 359-360, 11-18.	2.0	25
71	A Multilaboratory Toxicological Assessment of a Panel of 10 Engineered Nanomaterials to Human Healthâ€"ENPRA Projectâ€"The Highlights, Limitations, and Current and Future Challenges. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 1-28.	2.9	112
72	Atherosclerosis and vasomotor dysfunction in arteries of animals after exposure to combustion-derived particulate matter or nanomaterials. Critical Reviews in Toxicology, 2016, 46, 437-476.	1.9	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. Toxicology in Vitro, 2016, 36, 164-171.	1.1	42
74	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. Toxicology, 2016, 371, 29-40.	2.0	39
75	Anthocyanins and phenolic acids from a wild blueberry (Vaccinium angustifolium) powder counteract lipid accumulation in THP-1-derived macrophages. European Journal of Nutrition, 2016, 55, 171-182.	1.8	24
76	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. PLoS ONE, 2016, 11, e0160731.	1.1	17
77	Hepatic Oxidative Stress, Genotoxicity and Vascular Dysfunction in Lean or Obese Zucker Rats. PLoS ONE, 2015, 10, e0118773.	1.1	13
78	Association between age and repair of oxidatively damaged DNA in human peripheral blood mononuclear cells. Mutagenesis, 2015, 30, 695-700.	1.0	22
79	Lessons learned from research on air pollution and other particles in the toxicology of nanomaterials and vice versa. Environmental and Molecular Mutagenesis, 2015, 56, 77-81.	0.9	0
80	Synergistic Effects of Zinc Oxide Nanoparticles and Fatty Acids on Toxicity to Caco-2 Cells. International Journal of Toxicology, 2015, 34, 67-76.	0.6	58
81	Dynamic regulation of cerebral DNA repair genes by psychological stress. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 778, 37-43.	0.9	15
82	The influence of flow, shear stress and adhesion molecule targeting on gold nanoparticle uptake in human endothelial cells. Nanoscale, 2015, 7, 11409-11419.	2.8	40
83	Nanomaterial translocationâ€“the biokinetics, tissue accumulation, toxicity and fate of materials in secondary organsâ€“a review. Critical Reviews in Toxicology, 2015, 45, 837-872.	1.9	134
84	No oxidative stress or DNA damage in peripheral blood mononuclear cells after exposure to particles from urban street air in overweight elderly. Mutagenesis, 2015, 30, 635-642.	1.0	17
85	Controlled exposure to diesel exhaust and traffic noise â€“ Effects on oxidative stress and activation in mononuclear blood cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 775, 66-71.	0.4	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. International Journal of Environmental Research and Public Health, 2015, 12, 1667-1686.	1.2	62
87	Acute and subacute pulmonary toxicity and mortality in mice after intratracheal instillation of ZnO nanoparticles in three laboratories. Food and Chemical Toxicology, 2015, 85, 84-95.	1.8	87
88	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. Mutagenesis, 2015, 30, 67-83.	1.0	54
89	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. Nanotoxicology, 2015, 9, 813-824.	1.6	38
90	In vivo toxicity of cationic micelles and liposomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 467-477.	1.7	271

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91	Uptake of gold nanoparticles in primary human endothelial cells. Toxicology Research, 2015, 4, 655-666.	0.9	58
92	Measurement of oxidative damage to <scp>DNA</scp> in nanomaterial exposed cells and animals. Environmental and Molecular Mutagenesis, 2015, 56, 97-110.	0.9	64
93	Age and metabolic risk factors associated with oxidatively damaged DNA in human peripheral blood mononuclear cells. Oncotarget, 2015, 6, 2641-2653.	0.8	34
94	Carbon Black Nanoparticles Promote Endothelial Activation and Lipid Accumulation in Macrophages Independently of Intracellular ROS Production. PLoS ONE, 2014, 9, e106711.	1.1	45
95	Role of oxidative stress in carbon nanotube-generated health effects. Archives of Toxicology, 2014, 88, 1939-1964.	1.9	99
96	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model. Particle and Fibre Toxicology, 2014, 11, 56.	2.8	70
97	On the search for an intelligible comet assay descriptor. Frontiers in Genetics, 2014, 5, 217.	1.1	36
98	Statistical analysis of comet assay results. Frontiers in Genetics, 2014, 5, 292.	1.1	29
99	Biomarkers of oxidative stress and inflammation after wood smoke exposure in a reconstructed Viking Age house. Environmental and Molecular Mutagenesis, 2014, 55, 652-661.	0.9	27
100	Vascular and lung function related to ultrafine and fine particles exposure assessed by personal and indoor monitoring: a cross-sectional study. Environmental Health, 2014, 13, 112.	1.7	48
101	Cardiovascular and lung function in relation to outdoor and indoor exposure to fine and ultrafine particulate matter in middle-aged subjects. Environment International, 2014, 73, 372-381.	4.8	85
102	Vascular Effects of Multiwalled Carbon Nanotubes in Dyslipidemic ApoEâ^'/â^' Mice and Cultured Endothelial Cells. Toxicological Sciences, 2014, 138, 104-116.	1.4	94
103	The comet assay as a tool for human biomonitoring studies: The ComNet Project. Mutation Research - Reviews in Mutation Research, 2014, 759, 27-39.	2.4	182
104	Accumulation of lipids and oxidatively damaged DNA in hepatocytes exposed to particles. Toxicology and Applied Pharmacology, 2014, 274, 350-360.	1.3	59
105	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. Mutation Research - Reviews in Mutation Research, 2014, 762, 133-166.	2.4	250
106	Positive charge, negative effect: the impact of cationic nanoparticles in the brain. Nanomedicine, 2014, 9, 1441-1443.	1.7	5
107	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. Mutagenesis, 2014, 29, 241-249.	1.0	30
108	Pulmonary exposure to particles from diesel exhaust, urban dust or single-walled carbon nanotubes and oxidatively damaged DNA and vascular function inapoE^{-/-}mice. Nanotoxicology, 2014, 8, 61-71.	1.6	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). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 757, 60-67.	0.9	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. Nanotoxicology, 2013, 7, 117-134.	1.6	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. Mutagenesis, 2013, 28, 279-286.	1.0	78
112	An indoor air filtration study in homes of elderly: cardiovascular and respiratory effects of exposure to particulate matter. Environmental Health, 2013, 12, 116.	1.7	92
113	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine. Antioxidants and Redox Signaling, 2013, 18, 2377-2391.	2.5	130
114	A single portion of blueberry (Vaccinium corymbosum L) improves protection against DNA damage but not vascular function in healthy male volunteers. Nutrition Research, 2013, 33, 220-227.	1.3	85
115	Association between 8-oxo-7,8-dihydro-2â€²-deoxyguanosine Excretion and Risk of Postmenopausal Breast Cancer: Nested Caseâ€“Control Study. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1289-1296.	1.1	61
116	Oxidatively damaged DNA in animals exposed to particles. Critical Reviews in Toxicology, 2013, 43, 96-118.	1.9	64
117	Pulmonary exposure to carbon black by inhalation or instillation in pregnant mice: Effects on liver DNA strand breaks in dams and offspring. Nanotoxicology, 2012, 6, 486-500.	1.6	135
118	Oxidative damage to DNA by diesel exhaust particle exposure in co-cultures of human lung epithelial cells and macrophages. Mutagenesis, 2012, 27, 693-701.	1.0	66
119	Endothelial Dysfunction in Normal and Prediabetic Rats With Metabolic Syndrome Exposed by Oral Gavage to Carbon Black Nanoparticles. Toxicological Sciences, 2012, 129, 98-107.	1.4	26
120	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. Nanotoxicology, 2012, 6, 453-471.	1.6	118
121	Biomarkers of ambient air pollution and lung cancer: a systematic review. Occupational and Environmental Medicine, 2012, 69, 619-627.	1.3	92
122	Expression of adhesion molecules, monocyte interactions and oxidative stress in human endothelial cells exposed to wood smoke and diesel exhaust particulate matter. Toxicology Letters, 2012, 209, 121-128.	0.4	55
123	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. Toxicology Letters, 2012, 214, 19-26.	0.4	58
124	Inter-laboratory variation in DNA damage using a standard comet assay protocol. Mutagenesis, 2012, 27, 665-672.	1.0	79
125	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. Archives of Biochemistry and Biophysics, 2012, 518, 142-150.	1.4	57
126	Controlled human wood smoke exposure: oxidative stress, inflammation and microvascular function. Particle and Fibre Toxicology, 2012, 9, 7.	2.8	78

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127	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. Nanotoxicology, 2012, 6, 776-788.	1.6	77
128	Biologically relevant oxidants and terminology, classification and nomenclature of oxidatively generated damage to nucleobases and 2-deoxyribose in nucleic acids. Free Radical Research, 2012, 46, 367-381.	1.5	114
129	Harmonising measurements of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine in cellular DNA and urine. Free Radical Research, 2012, 46, 541-553.	1.5	45
130	Influence of the OGG1 Ser326Cys polymorphism on oxidatively damaged DNA and repair activity. Free Radical Biology and Medicine, 2012, 52, 118-125.	1.3	38
131	Association between 8-oxo-7,8-dihydroguanine excretion and risk of lung cancer in a prospective study. Free Radical Biology and Medicine, 2012, 52, 167-172.	1.3	60
132	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. Particle and Fibre Toxicology, 2012, 9, 5.	2.8	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. Environmental Science & Technology, 2011, 45, 8545-8551.	4.6	101
134	Hazard identification of particulate matter on vasomotor dysfunction and progression of atherosclerosis. Critical Reviews in Toxicology, 2011, 41, 339-368.	1.9	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. Chemical Research in Toxicology, 2011, 24, 168-184.	1.7	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. Toxicology Letters, 2011, 203, 181-189.	0.4	75
137	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO2. Particle and Fibre Toxicology, 2011, 8, 32.	2.8	85
138	Mutation spectrum in FE1â€MUTA^{TM}Mouse lung epithelial cells exposed to nanoparticulate carbon black. Environmental and Molecular Mutagenesis, 2011, 52, 331-337.	0.9	66
139	Assessment and reduction of comet assay variation in relation to DNA damage: studies from the European Comet Assay Validation Group. Mutagenesis, 2010, 25, 109-111.	1.0	87
140	An ECVAG trial on assessment of oxidative damage to DNA measured by the comet assay. Mutagenesis, 2010, 25, 125-132.	1.0	99
141	Role of oxidative damage in toxicity of particulates. Free Radical Research, 2010, 44, 1-46.	1.5	361
142	Aging and oxidatively damaged nuclear DNA in animal organs. Free Radical Biology and Medicine, 2010, 48, 1275-1285.	1.3	99
143	Pulmonary exposure to carbon black nanoparticles and vascular effects. Particle and Fibre Toxicology, 2010, 7, 33.	2.8	85
144	DNA damage and repair activity after broccoli intake in young healthy smokers. Mutagenesis, 2010, 25, 595-602.	1.0	62

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145	Variation in the measurement of DNA damage by comet assay measured by the ECVAGÂ inter-laboratory validation trial. Mutagenesis, 2010, 25, 113-123.	1.0	155
146	Oxidative Damage to DNA and Lipids as Biomarkers of Exposure to Air Pollution. Environmental Health Perspectives, 2010, 118, 1126-1136.	2.8	195
147	Oxidative Stress, Inflammation, and DNA Damage in Rats after Intratracheal Instillation or Oral Exposure to Ambient Air and Wood Smoke Particulate Matter. Toxicological Sciences, 2010, 118, 574-585.	1.4	91
148	Recommendations for Standardized Description of and Nomenclature Concerning Oxidatively Damaged Nucleobases in DNA. Chemical Research in Toxicology, 2010, 23, 705-707.	1.7	57
149	Genotoxic potential of the perfluorinated chemicals PFOA, PFOS, PFBS, PFNA and PFHxA in human HepG2 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 700, 39-43.	0.9	153
150	Aging and defense against generation of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine in DNA. Free Radical Biology and Medicine, 2009, 47, 608-615.	1.3	44
151	Lack of acute phase response in the livers of mice exposed to diesel exhaust particles or carbon black by inhalation. Particle and Fibre Toxicology, 2009, 6, 12.	2.8	44
152	Lung inflammation and genotoxicity following pulmonary exposure to nanoparticles in ApoE-/- mice. Particle and Fibre Toxicology, 2009, 6, 2.	2.8	269
153	Modest vasomotor dysfunction induced by low doses of C60 fullerenes in apolipoprotein E knockout mice with different degree of atherosclerosis. Particle and Fibre Toxicology, 2009, 6, 5.	2.8	24
154	Oxidative damage to DNA and repair induced by Norwegian wood smoke particles in human A549 and THP-1 cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 674, 116-122.	0.9	131
155	Oxidatively Damaged DNA in Rats Exposed by Oral Gavage to C ₆₀ Fullerenes and Single-Walled Carbon Nanotubes. Environmental Health Perspectives, 2009, 117, 703-708.	2.8	215
156	Antioxidant vitamins and cancer risk: is oxidative damage to DNA a relevant biomarker?. European Journal of Nutrition, 2008, 47, 19-28.	1.8	72
157	DNA damage and cytotoxicity in type II lung epithelial (A549) cell cultures after exposure to diesel exhaust and urban street particles. Particle and Fibre Toxicology, 2008, 5, 6.	2.8	59
158	Hypoxia and oxidation levels of DNA and lipids in humans and animal experimental models. IUBMB Life, 2008, 60, 707-723.	1.5	15
159	Genotoxicity, cytotoxicity, and reactive oxygen species induced by singleâ€walled carbon nanotubes and C₆₀ fullerenes in the FE1â€Mutaâ„¢Mouse lung epithelial cells. Environmental and Molecular Mutagenesis, 2008, 49, 476-487.	0.9	343
160	DNA damage in rats after a single oral exposure to diesel exhaust particles. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 637, 49-55.	0.4	52
161	OGG1 expression and OGG1 Ser326Cys polymorphism and risk of lung cancer in a prospective study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 639, 45-54.	0.4	55
162	Diesel exhaust particles are mutagenic in FE1-Mutaâ„¢Mouse lung epithelial cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 641, 54-57.	0.4	56

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163	Oxidatively damaged DNA and its repair after experimental exposure to wood smoke in healthy humans. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 642, 37-42.	0.4	70
164	Air pollution, oxidative damage to DNA, and carcinogenesis. Cancer Letters, 2008, 266, 84-97.	3.2	208
165	Variation in assessment of oxidatively damaged DNA in mononuclear blood cells by the comet assay with visual scoring. Mutagenesis, 2008, 23, 223-231.	1.0	58
166	DNA repair phenotype and dietary antioxidant supplementation. British Journal of Nutrition, 2008, 99, 1018-1024.	1.2	51
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