

Peter Mller

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.

195
papers

11,220
citations

61
h-index

98
g-index

203
ext. papers

12,512
ext. citations

5
avg, IF

6.36
L-index

#	Paper	IF	Citations
195	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	3	1
194	Developmental toxicity of engineered nanomaterials 2022 , 285-305		
193	A mix of chlorogenic and caffeic acid reduces C/EBP β and PPAR- α levels and counteracts lipid accumulation in macrophages. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	3
192	Biomarkers of DNA Oxidation Products: Links to Exposure and Disease in Public Health Studies. <i>Chemical Research in Toxicology</i> , 2021 , 34, 2235-2250	4	1
191	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	2.8	8
190	Reactive oxygen species production, genotoxicity and telomere length in FE1-MutaMouse lung epithelial cells exposed to carbon nanotubes. <i>Nanotoxicology</i> , 2021 , 15, 661-672	5.3	8
189	Biomarkers of nucleic acid oxidation - A summary state-of-the-art. <i>Redox Biology</i> , 2021 , 42, 101872	11.3	15
188	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	4.4	1
187	Genotoxicity of multi-walled carbon nanotube reference materials in mammalian cells and animals. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 788, 108393	7	3
186	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	4.9	2
185	Telomere length in newborns is associated with exposure to low levels of air pollution during pregnancy. <i>Environment International</i> , 2021 , 146, 106202	12.9	6
184	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	7	16
183	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE mice. <i>FASEB Journal</i> , 2021 , 35, e21307	0.9	2
182	In vitro-in vivo correlations of pulmonary inflammogenicity and genotoxicity of MWCNT. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 25	8.4	13
181	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021 , 11, 16793	4.9	8
180	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	4.9	0
179	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. <i>Archives of Toxicology</i> , 2021 , 95, 3407-3416	5.8	4

178	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	3	5
177	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	4.9	3
176	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	10.2	4
175	Organomodified nanoclays induce less inflammation, acute phase response, and genotoxicity than pristine nanoclays in mice lungs. <i>Nanotoxicology</i> , 2020 , 14, 869-892	5.3	4
174	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	5.7	9
173	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	4.4	7
172	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , 2020 , 35, 341-348	2.8	13
171	Measurement of DNA damage with the comet assay in high-prevalence diseases: current status and future directions. <i>Mutagenesis</i> , 2020 , 35, 5-18	2.8	30
170	Application of the comet assay in human biomonitoring: An hCOMET perspective. <i>Mutation Research - Reviews in Mutation Research</i> , 2020 , 783, 108288	7	48
169	Hazard assessment of small-size plastic particles: is the conceptual framework of particle toxicology useful?. <i>Food and Chemical Toxicology</i> , 2020 , 136, 111106	4.7	12
168	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	18.8	11
167	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	18.8	79
166	Health effects of exposure to diesel exhaust in diesel-powered trains. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 21	8.4	15
165	Toxicological Hazard Analysis of Nanomaterials With Potential for Utilization in Consumer Goods 2019 , 355-380		2
164	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	3	32
163	DNA repair as a human biomonitoring tool: Comet assay approaches. <i>Mutation Research - Reviews in Mutation Research</i> , 2019 , 781, 71-87	7	26
162	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science & Technology</i> , 2019 , 53, 4579-4587	10.3	9
161	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	2.8	19

160	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	3.6	10
159	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	3	3
158	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	5	18
157	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	3	15
156	The comet assay: ready for 30 more years. <i>Mutagenesis</i> , 2018 , 33, 1-7	2.8	50
155	Role of microbiota-derived lipopolysaccharide in adipose tissue inflammation, adipocyte size and pyroptosis during obesity. <i>Nutrition Research Reviews</i> , 2018 , 31, 153-163	7	74
154	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. <i>Mutagenesis</i> , 2018 , 33, 9-19	2.8	38
153	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	8.4	8
152	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	3.1	8
151	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	2.8	26
150	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018 , 120, 321-327	4.7	8
149	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	2.8	7
148	Nanodelivery systems and stabilized solid-drug nanoparticles for orally administered medicine: current landscape. <i>International Journal of Nanomedicine</i> , 2018 , 13, 7575-7605	7.3	26
147	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 761-788	5.7	19
146	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	3.2	20
145	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	4.4	12
144	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	5.3	23
143	Lung inflammation and genotoxicity in mice lungs after pulmonary exposure to candle light combustion particles. <i>Toxicology Letters</i> , 2017 , 276, 31-38	4.4	17

142	Hepatic Hazard Assessment of Silver Nanoparticle Exposure in Healthy and Chronically Alcohol Fed Mice. <i>Toxicological Sciences</i> , 2017 , 158, 176-187	4.4	20
141	Weight of evidence analysis for assessing the genotoxic potential of carbon nanotubes. <i>Critical Reviews in Toxicology</i> , 2017 , 47, 867-884	5.7	33
140	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. <i>Environmental Health</i> , 2017 , 16, 96	6	14
139	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <i>Environmental Health Perspectives</i> , 2017 , 125, 106002	8.4	210
138	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	5.3	19
137	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 ¹	3.1	10
136	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	5.7	65
135	Biodistribution of Carbon Nanotubes in Animal Models. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 121 Suppl 3, 30-43	3.1	46
134	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	2.8	18
133	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. <i>Heliyon</i> , 2017 , 3, e00458	3.6	9
132	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolar-endothelial co-cultures. <i>Nanotoxicology</i> , 2016 , 10, 235-44	5.3	29
131	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	3.6	31
130	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016 , 371, 29-40	4.4	34
129	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, 171-82	5.2	18
128	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. <i>PLoS ONE</i> , 2016 , 11, e0160731	3.7	14
127	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	4.6	21
126	Different effects of anthocyanins and phenolic acids from wild blueberry (<i>Vaccinium angustifolium</i>) on monocytes adhesion to endothelial cells in a TNF- α stimulated proinflammatory environment. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2355-2366	5.9	31
125	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, 11-8	4.4	21

124	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	8.6	96
123	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, 437-76 ⁵⁻⁷	5.7	49
122	The influence of flow, shear stress and adhesion molecule targeting on gold nanoparticle uptake in human endothelial cells. <i>Nanoscale</i> , 2015 , 7, 11409-19	7.7	35
121	Nanomaterial translocation--the biokinetics, tissue accumulation, toxicity and fate of materials in secondary organs--a review. <i>Critical Reviews in Toxicology</i> , 2015 , 45, 837-72	5.7	102
120	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, 635-42	2.8	17
119	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	3.3	33
118	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, 1667-86	4.6	51
117	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	4.7	62
116	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. <i>Mutagenesis</i> , 2015 , 30, 67-83	2.8	43
115	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. <i>Nanotoxicology</i> , 2015 , 9, 813-24	5.3	33
114	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 467-77	6	218
113	Uptake of gold nanoparticles in primary human endothelial cells. <i>Toxicology Research</i> , 2015 , 4, 655-666	2.6	51
112	Measurement of oxidative damage to DNA in nanomaterial exposed cells and animals. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 97-110	3.2	53
111	Hepatic oxidative stress, genotoxicity and vascular dysfunction in lean or obese Zucker rats. <i>PLoS ONE</i> , 2015 , 10, e0118773	3.7	13
110	Association between age and repair of oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Mutagenesis</i> , 2015 , 30, 695-700	2.8	16
109	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	2.4	49
108	Dynamic regulation of cerebral DNA repair genes by psychological stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015 , 778, 37-43	3	11
107	Age and metabolic risk factors associated with oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Oncotarget</i> , 2015 , 6, 2641-53	3.3	28

106	Vascular effects of multiwalled carbon nanotubes in dyslipidemic ApoE ^{-/-} mice and cultured endothelial cells. <i>Toxicological Sciences</i> , 2014 , 138, 104-16	4.4	86
105	The comet assay as a tool for human biomonitoring studies: the ComNet project. <i>Mutation Research - Reviews in Mutation Research</i> , 2014 , 759, 27-39	7	159
104	Accumulation of lipids and oxidatively damaged DNA in hepatocytes exposed to particles. <i>Toxicology and Applied Pharmacology</i> , 2014 , 274, 350-60	4.6	45
103	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. <i>Mutation Research - Reviews in Mutation Research</i> , 2014 , 762, 133-66	7	192
102	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. <i>Mutagenesis</i> , 2014 , 29, 241-9	2.8	22
101	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	5.3	29
100	Carbon black nanoparticles promote endothelial activation and lipid accumulation in macrophages independently of intracellular ROS production. <i>PLoS ONE</i> , 2014 , 9, e106711	3.7	41
99	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014 , 88, 1939-64	5.8	79
98	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	8.4	61
97	On the search for an intelligible comet assay descriptor. <i>Frontiers in Genetics</i> , 2014 , 5, 217	4.5	28
96	Statistical analysis of comet assay results. <i>Frontiers in Genetics</i> , 2014 , 5, 292	4.5	25
95	Biomarkers of oxidative stress and inflammation after wood smoke exposure in a reconstructed Viking Age house. <i>Environmental and Molecular Mutagenesis</i> , 2014 , 55, 652-61	3.2	25
94	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	6	41
93	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, 372-81	12.9	66
92	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, 60-7	3	27
91	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, 117-34	5.3	29
90	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, 279-86	2.8	61
89	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	6	71

88	Human and methodological sources of variability in the measurement of urinary 8-oxo-7,8-dihydro-2-Deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 2377-91	8.4	107
87	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, 220-7	4	72
86	Association between 8-oxo-7,8-dihydro-2-Deoxyguanosine excretion and risk of postmenopausal breast cancer: nested case-control study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 1289-96	4.6	52
85	Oxidatively damaged DNA in animals exposed to particles. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 96-118	3.7	59
84	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 5	8.4	132
83	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	4.4	23
82	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. <i>Nanotoxicology</i> , 2012 , 6, 453-71	5.3	104
81	Biomarkers of ambient air pollution and lung cancer: a systematic review. <i>Occupational and Environmental Medicine</i> , 2012 , 69, 619-27	2.1	82
80	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, 121-8	4.4	51
79	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. <i>Toxicology Letters</i> , 2012 , 214, 19-26	4.4	52
78	Inter-laboratory variation in DNA damage using a standard comet assay protocol. <i>Mutagenesis</i> , 2012 , 27, 665-72	2.8	64
77	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 518, 142-50	4.1	51
76	Controlled human wood smoke exposure: oxidative stress, inflammation and microvascular function. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 7	8.4	69
75	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. <i>Nanotoxicology</i> , 2012 , 6, 776-88	5.3	70
74	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, 367-81	4	97
73	Harmonising measurements of 8-oxo-7,8-dihydro-2-Deoxyguanosine in cellular DNA and urine. <i>Free Radical Research</i> , 2012 , 46, 541-53	4	36
72	Influence of the OGG1 Ser326Cys polymorphism on oxidatively damaged DNA and repair activity. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 118-25	7.8	34
71	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, 167-72	7.8	54

70	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	5.3	118
69	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	2.8	55
68	Hazard identification of particulate matter on vasomotor dysfunction and progression of atherosclerosis. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 339-68	5.7	88
67	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, 168-84 ⁴		169
66	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, 181-9	4.4	61
65	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	8.4	81
64	Particulates and Oxidative Stress 2011 , 249-271		
63	Mutation spectrum in FE1-MUTA(TM) Mouse lung epithelial cells exposed to nanoparticulate carbon black. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 331-7	3.2	57
62	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, 8545-51	10.3	89
61	DNA damage and repair activity after broccoli intake in young healthy smokers. <i>Mutagenesis</i> , 2010 , 25, 595-602	2.8	52
60	Variation in the measurement of DNA damage by comet assay measured by the ECVAG inter-laboratory validation trial. <i>Mutagenesis</i> , 2010 , 25, 113-23	2.8	129
59	Oxidative damage to DNA and lipids as biomarkers of exposure to air pollution. <i>Environmental Health Perspectives</i> , 2010 , 118, 1126-36	8.4	164
58	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, 574-85	4.4	75
57	Recommendations for standardized description of and nomenclature concerning oxidatively damaged nucleobases in DNA. <i>Chemical Research in Toxicology</i> , 2010 , 23, 705-7	4	51
56	Genotoxic potential of the perfluorinated chemicals PFOA, PFOS, PFBS, PFNA and PFHxA in human HepG2 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010 , 700, 39-43	3	127
55	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, 109-11	2.8	72
54	An ECVAG trial on assessment of oxidative damage to DNA measured by the comet assay. <i>Mutagenesis</i> , 2010 , 25, 125-32	2.8	86
53	Role of oxidative damage in toxicity of particulates. <i>Free Radical Research</i> , 2010 , 44, 1-46	4	307

52	Aging and oxidatively damaged nuclear DNA in animal organs. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1275-85	7.8	90
51	Pulmonary exposure to carbon black nanoparticles and vascular effects. <i>Particle and Fibre Toxicology</i> , 2010 , 7, 33	8.4	81
50	Aging and defense against generation of 8-oxo-7,8-dihydro-2'-deoxyguanosine in DNA. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 608-15	7.8	40
49	Lack of acute phase response in the livers of mice exposed to diesel exhaust particles or carbon black by inhalation. <i>Particle and Fibre Toxicology</i> , 2009 , 6, 12	8.4	41
48	Lung inflammation and genotoxicity following pulmonary exposure to nanoparticles in ApoE ^{-/-} mice. <i>Particle and Fibre Toxicology</i> , 2009 , 6, 2	8.4	233
47	Modest vasomotor dysfunction induced by low doses of C60 fullerenes in apolipoprotein E knockout mice with different degree of atherosclerosis. <i>Particle and Fibre Toxicology</i> , 2009 , 6, 5	8.4	24
46	Oxidative damage to DNA and repair induced by Norwegian wood smoke particles in human A549 and THP-1 cell lines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 116-22	3	121
45	Oxidatively damaged DNA in rats exposed by oral gavage to C60 fullerenes and single-walled carbon nanotubes. <i>Environmental Health Perspectives</i> , 2009 , 117, 703-8	8.4	191
44	DNA damage in rats after a single oral exposure to diesel exhaust particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 637, 49-55	3.3	45
43	OGG1 expression and OGG1 Ser326Cys polymorphism and risk of lung cancer in a prospective study. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 639, 45-54	3.3	46
42	Diesel exhaust particles are mutagenic in FE1-MutaMouse lung epithelial cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 641, 54-7	3.3	53
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15	Vitamin C supplementation decreases oxidative DNA damage in mononuclear blood cells of smokers. <i>European Journal of Nutrition</i> , 2004 , 43, 267-74	5.2	76
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2	Interferon-gamma increases inositol phosphate formation and cellular calcium ion concentration independent of ICAM-1 antigen enhancement in renal tubular cells. <i>Apmis</i> , 1996 , 104, 285-92	3.4	2
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