

# Hakan Wallin

## 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.

185  
papers

10,925  
citations

62  
h-index

94  
g-index

193  
ext. papers

11,816  
ext. citations

5.1  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
185	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE mice. <i>FASEB Journal</i> , <b>2021</b> , 35, e21307	0.9	2
184	In vitro-in vivo correlations of pulmonary inflammogenicity and genotoxicity of MWCNT. <i>Particle and Fibre Toxicology</i> , <b>2021</b> , 18, 25	8.4	13
183	Safe-by-design strategies for lowering the genotoxicity and pulmonary inflammation of multiwalled carbon nanotubes: Reduction of length and the introduction of COOH groups. <i>Environmental Toxicology and Pharmacology</i> , <b>2021</b> , 87, 103702	5.8	3
182	Fast and Robust Proteome Screening Platform Identifies Neutrophil Extracellular Trap Formation in the Lung in Response to Cobalt Ferrite Nanoparticles. <i>ACS Nano</i> , <b>2020</b> , 14, 4096-4110	16.7	6
181	Pulmonary toxicity of FeO, ZnFeO, NiFeO and NiZnFeO nanomaterials: Inflammation and DNA strand breaks. <i>Environmental Toxicology and Pharmacology</i> , <b>2020</b> , 74, 103303	5.8	13
180	Acute phase response and inflammation following pulmonary exposure to low doses of zinc oxide nanoparticles in mice. <i>Nanotoxicology</i> , <b>2019</b> , 13, 1275-1292	5.3	24
179	Nanomaterial grouping: Existing approaches and future recommendations. <i>NanoImpact</i> , <b>2019</b> , 16, 1001836	3.6	32
178	Pulmonary effects of nanofibrillated celluloses in mice suggest that carboxylation lowers the inflammatory and acute phase responses. <i>Environmental Toxicology and Pharmacology</i> , <b>2019</b> , 66, 116-125	5.8	29
177	Ranking of nanomaterial potency to induce pathway perturbations associated with lung responses. <i>NanoImpact</i> , <b>2019</b> , 14, 100158	5.6	24
176	Physicochemical predictors of Multi-Walled Carbon Nanotube-induced pulmonary histopathology and toxicity one year after pulmonary deposition of 11 different Multi-Walled Carbon Nanotubes in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 124, 211-227	3.1	48
175	Promise and peril in nanomedicine: the challenges and needs for integrated systems biology approaches to define health risk. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2018</b> , 10, e1465	9.2	34
174	Identification of Gene Transcription Start Sites and Enhancers Responding to Pulmonary Carbon Nanotube Exposure in Vivo. <i>ACS Nano</i> , <b>2017</b> , 11, 3597-3613	16.7	17
173	Stat-6 signaling pathway and not Interleukin-1 mediates multi-walled carbon nanotube-induced lung fibrosis in mice: insights from an adverse outcome pathway framework. <i>Particle and Fibre Toxicology</i> , <b>2017</b> , 14, 37	8.4	33
172	Multi-walled carbon nanotube-induced genotoxic, inflammatory and pro-fibrotic responses in mice: Investigating the mechanisms of pulmonary carcinogenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2017</b> , 823, 28-44	3	48
171	Surface modification does not influence the genotoxic and inflammatory effects of TiO <sub>2</sub> nanoparticles after pulmonary exposure by instillation in mice. <i>Mutagenesis</i> , <b>2017</b> , 32, 47-57	2.8	30
170	Biodistribution of Carbon Nanotubes in Animal Models. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 121 Suppl 3, 30-43	3.1	46
169	Influence of dispersion medium on nanomaterial-induced pulmonary inflammation and DNA strand breaks: investigation of carbon black, carbon nanotubes and three titanium dioxide nanoparticles. <i>Mutagenesis</i> , <b>2017</b> , 32, 581-597	2.8	30

168	Multi-walled carbon nanotube-physicochemical properties predict the systemic acute phase response following pulmonary exposure in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174167	3.7	50
167	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , <b>2016</b> , 371, 29-40	4.4	34
166	Airway irritation, inflammation, and toxicity in mice following inhalation of metal oxide nanoparticles. <i>Nanotoxicology</i> , <b>2016</b> , 10, 1254-62	5.3	49
165	Multi-walled carbon nanotube physicochemical properties predict pulmonary inflammation and genotoxicity. <i>Nanotoxicology</i> , <b>2016</b> , 10, 1263-75	5.3	94
164	Epoxy composite dusts with and without carbon nanotubes cause similar pulmonary responses, but differences in liver histology in mice following pulmonary deposition. <i>Particle and Fibre Toxicology</i> , <b>2016</b> , 13, 37	8.4	34
163	Meta-analysis of transcriptomic responses as a means to identify pulmonary disease outcomes for engineered nanomaterials. <i>Particle and Fibre Toxicology</i> , <b>2016</b> , 13, 25	8.4	39
162	Nano-risk Science: application of toxicogenomics in an adverse outcome pathway framework for risk assessment of multi-walled carbon nanotubes. <i>Particle and Fibre Toxicology</i> , <b>2016</b> , 13, 15	8.4	86
161	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160731	3.7	14
160	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> , <b>2016</b> , 19, 1-28	8.6	96
159	No cytotoxicity or genotoxicity of graphene and graphene oxide in murine lung epithelial FE1 cells in vitro. <i>Environmental and Molecular Mutagenesis</i> , <b>2016</b> , 57, 469-82	3.2	62
158	Nanomaterial translocation--the biokinetics, tissue accumulation, toxicity and fate of materials in secondary organs--a review. <i>Critical Reviews in Toxicology</i> , <b>2015</b> , 45, 837-72	5.7	102
157	Acute and subacute pulmonary toxicity and mortality in mice after intratracheal instillation of ZnO nanoparticles in three laboratories. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 85, 84-95	4.7	62
156	Visualization of Nanofibrillar Cellulose in Biological Tissues Using a Biotinylated Carbohydrate Binding Module of Eri,4-Glycanase. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 1627-35	4	12
155	DNA damage following pulmonary exposure by instillation to low doses of carbon black (Printex 90) nanoparticles in mice. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 41-9	3.2	62
154	Transcriptional profiling identifies physicochemical properties of nanomaterials that are determinants of the in vivo pulmonary response. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 245-64	3.2	48
153	Time-dependent subcellular distribution and effects of carbon nanotubes in lungs of mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116481	3.7	22
152	Comparative hazard identification by a single dose lung exposure of zinc oxide and silver nanomaterials in mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126934	3.7	45
151	Intratracheally instilled titanium dioxide nanoparticles translocate to heart and liver and activate complement cascade in the heart of C57BL/6 mice. <i>Nanotoxicology</i> , <b>2015</b> , 9, 1013-22	5.3	75

150	Characterization of genotoxic response to 15 multiwalled carbon nanotubes with variable physicochemical properties including surface functionalizations in the FE1-Muta(TM) mouse lung epithelial cell line. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 183-203	3.2	65
149	MWCNTs of different physicochemical properties cause similar inflammatory responses, but differences in transcriptional and histological markers of fibrosis in mouse lungs. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 284, 16-32	4.6	134
148	DNA strand breaks, acute phase response and inflammation following pulmonary exposure by instillation to the diesel exhaust particle NIST1650b in mice. <i>Mutagenesis</i> , <b>2015</b> , 30, 499-507	2.8	40
147	Carbon black nanoparticles induce biphasic gene expression changes associated with inflammatory responses in the lungs of C57BL/6 mice following a single intratracheal instillation. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 289, 573-88	4.6	40
146	Changes in cholesterol homeostasis and acute phase response link pulmonary exposure to multi-walled carbon nanotubes to risk of cardiovascular disease. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 283, 210-22	4.6	51
145	ITS-NANO--prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. <i>Particle and Fibre Toxicology</i> , <b>2014</b> , 11, 9	8.4	112
144	Vascular effects of multiwalled carbon nanotubes in dyslipidemic ApoE-/- mice and cultured endothelial cells. <i>Toxicological Sciences</i> , <b>2014</b> , 138, 104-16	4.4	86
143	Comparison of dust release from epoxy and paint nanocomposites and conventional products during sanding and sawing. <i>Annals of Occupational Hygiene</i> , <b>2014</b> , 58, 983-94		21
142	Particle-induced pulmonary acute phase response may be the causal link between particle inhalation and cardiovascular disease. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2014</b> , 6, 517-31	9.2	76
141	Tissue distribution and elimination after oral and intravenous administration of different titanium dioxide nanoparticles in rats. <i>Particle and Fibre Toxicology</i> , <b>2014</b> , 11, 30	8.4	181
140	FIB-SEM imaging of carbon nanotubes in mouse lung tissue. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 3863-73	4.4	20
139	Daily sperm production: application in studies of prenatal exposure to nanoparticles in mice. <i>Reproductive Toxicology</i> , <b>2013</b> , 36, 88-97	3.4	63
138	Maternal inhalation of surface-coated nanosized titanium dioxide (UV-Titan) in C57BL/6 mice: effects in prenatally exposed offspring on hepatic DNA damage and gene expression. <i>Nanotoxicology</i> , <b>2013</b> , 7, 85-96	5.3	48
137	Effects of lung exposure to carbon nanotubes on female fertility and pregnancy. A study in mice. <i>Reproductive Toxicology</i> , <b>2013</b> , 41, 86-97	3.4	56
136	In utero exposure to nanosized carbon black (Printex90) does not induce tandem repeat mutations in female murine germ cells. <i>Reproductive Toxicology</i> , <b>2013</b> , 41, 45-8	3.4	22
135	Gene expression profiling to identify potentially relevant disease outcomes and support human health risk assessment for carbon black nanoparticle exposure. <i>Toxicology</i> , <b>2013</b> , 303, 83-93	4.4	46
134	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> , <b>2013</b> , 7, 117-34	5.3	29
133	Pulmonary instillation of low doses of titanium dioxide nanoparticles in mice leads to particle retention and gene expression changes in the absence of inflammation. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 269, 250-62	4.6	83

132	Bioaccumulation and ecotoxicity of carbon nanotubes. <i>Chemistry Central Journal</i> , <b>2013</b> , 7, 154		179
131	Carbon black nanoparticle intratracheal instillation does not alter cardiac gene expression. <i>Cardiovascular Toxicology</i> , <b>2013</b> , 13, 406-12	3.4	13
130	In vitro assessment of engineered nanomaterials using a hepatocyte cell line: cytotoxicity, pro-inflammatory cytokines and functional markers. <i>Nanotoxicology</i> , <b>2013</b> , 7, 301-13	5.3	100
129	Engineered nanomaterial risk. Lessons learnt from completed nanotoxicology studies: potential solutions to current and future challenges. <i>Critical Reviews in Toxicology</i> , <b>2013</b> , 43, 1-20	5.7	116
128	Validation of freezing tissues and cells for analysis of DNA strand break levels by comet assay. <i>Mutagenesis</i> , <b>2013</b> , 28, 699-707	2.8	63
127	Particle-induced pulmonary acute phase response correlates with neutrophil influx linking inhaled particles and cardiovascular risk. <i>PLoS ONE</i> , <b>2013</b> , 8, e69020	3.7	88
126	Transcriptomic analysis reveals novel mechanistic insight into murine biological responses to multi-walled carbon nanotubes in lungs and cultured lung epithelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e80452	3.7	71
125	Nanotitanium dioxide toxicity in mouse lung is reduced in sanding dust from paint. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 4	8.4	93
124	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 5	8.4	132
123	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. <i>Nanotoxicology</i> , <b>2012</b> , 6, 453-71	5.3	104
122	Exposure of pregnant mice to carbon black by intratracheal instillation: toxicogenomic effects in dams and offspring. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2012</b> , 745, 73-83	3	85
121	NanoTiO <sub>2</sub> (UV-Titan) does not induce ESTR mutations in the germline of prenatally exposed female mice. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 19	8.4	25
120	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. <i>Nanotoxicology</i> , <b>2012</b> , 6, 776-88	5.3	70
119	Carbon black nanoparticle intratracheal installation results in large and sustained changes in the expression of miR-135b in mouse lung. <i>Environmental and Molecular Mutagenesis</i> , <b>2012</b> , 53, 462-8	3.2	42
118	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> , <b>2012</b> , 6, 486-500	5.3	118
117	Hepatic and pulmonary toxicogenomic profiles in mice intratracheally instilled with carbon black nanoparticles reveal pulmonary inflammation, acute phase response, and alterations in lipid homeostasis. <i>Toxicological Sciences</i> , <b>2012</b> , 127, 474-84	4.4	86
116	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> , <b>2011</b> , 24, 168-84 <sup>4</sup>		169
115	The NFKB1 ATTG ins/del polymorphism and risk of coronary heart disease in three independent populations. <i>Atherosclerosis</i> , <b>2011</b> , 219, 200-4	3.1	37

114	Mutagenicity of carbon nanomaterials. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 29	4	5
113	An experimental protocol for maternal pulmonary exposure in developmental toxicology. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2011</b> , 108, 202-7	3.1	39
112	Prenatal exposure to carbon black (printex 90): effects on sexual development and neurofunction. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2011</b> , 109, 434-7	3.1	49
111	Germline mutation rates in mice following in utero exposure to diesel exhaust particles by maternal inhalation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2011</b> , 712, 55-8	3.3	25
110	Correction: Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. <i>Particle and Fibre Toxicology</i> , <b>2011</b> , 8, 14	8.4	2
109	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO <sub>2</sub> . <i>Particle and Fibre Toxicology</i> , <b>2011</b> , 8, 32	8.4	81
108	Mutation spectrum in FE1-MUTA(TM) Mouse lung epithelial cells exposed to nanoparticulate carbon black. <i>Environmental and Molecular Mutagenesis</i> , <b>2011</b> , 52, 331-7	3.2	57
107	Pulmonary response to surface-coated nanotitanium dioxide particles includes induction of acute phase response genes, inflammatory cascades, and changes in microRNAs: a toxicogenomic study. <i>Environmental and Molecular Mutagenesis</i> , <b>2011</b> , 52, 425-39	3.2	129
106	Variation in the measurement of DNA damage by comet assay measured by the ECVAG inter-laboratory validation trial. <i>Mutagenesis</i> , <b>2010</b> , 25, 113-23	2.8	129
105	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> , <b>2010</b> , 118, 574-85	4.4	75
104	Interaction between ADH1C Arg(272)Gln and alcohol intake in relation to breast cancer risk suggests that ethanol is the causal factor in alcohol related breast cancer. <i>Cancer Letters</i> , <b>2010</b> , 295, 191-7	9.9	16
103	Associations between COX-2 polymorphisms, blood cholesterol and risk of acute coronary syndrome. <i>Atherosclerosis</i> , <b>2010</b> , 209, 155-62	3.1	23
102	Role of oxidative damage in toxicity of particulates. <i>Free Radical Research</i> , <b>2010</b> , 44, 1-46	4	307
101	Profile of TP53 gene mutations in sinonasal cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2010</b> , 686, 9-14	3.3	18
100	Mutations in TP53 tumor suppressor gene in wood dust-related sinonasal cancer. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 578-88	7.5	49
99	Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. <i>Particle and Fibre Toxicology</i> , <b>2010</b> , 7, 16	8.4	162
98	Pulmonary exposure to carbon black nanoparticles and vascular effects. <i>Particle and Fibre Toxicology</i> , <b>2010</b> , 7, 33	8.4	81
97	PPARgamma Pro12Ala polymorphism and risk of acute coronary syndrome in a prospective study of Danes. <i>BMC Medical Genetics</i> , <b>2009</b> , 10, 52	2.1	22



96	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> , <b>2009</b> , 6, 12	8.4	41
95	Lung inflammation and genotoxicity following pulmonary exposure to nanoparticles in ApoE <sup>-/-</sup> mice. <i>Particle and Fibre Toxicology</i> , <b>2009</b> , 6, 2	8.4	233
94	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> , <b>2009</b> , 6, 5	8.4	24
93	Biodistribution of gold nanoparticles in mouse lung following intratracheal instillation. <i>Chemistry Central Journal</i> , <b>2009</b> , 3, 16		111
92	Diesel exhaust particles: effects on neurofunction in female mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 105, 139-43	3.1	17
91	Protracted elimination of gold nanoparticles from mouse liver. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2009</b> , 5, 162-9	6	232
90	Prenatal exposure to diesel exhaust particles and effect on the male reproductive system in mice. <i>Toxicology</i> , <b>2009</b> , 264, 61-8	4.4	27
89	Oxidatively damaged DNA in rats exposed by oral gavage to C60 fullerenes and single-walled carbon nanotubes. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 703-8	8.4	191
88	K-ras mutations in sinonasal cancers in relation to wood dust exposure. <i>BMC Cancer</i> , <b>2008</b> , 8, 53	4.8	53
87	A haplotype of polymorphisms in ASE-1, RAI and ERCC1 and the effects of tobacco smoking and alcohol consumption on risk of colorectal cancer: a Danish prospective case-cohort study. <i>BMC Cancer</i> , <b>2008</b> , 8, 54	4.8	20
86	DNA damage in rats after a single oral exposure to diesel exhaust particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2008</b> , 637, 49-55	3.3	45
85	Polymorphisms in genes involved in the inflammatory response and interaction with NSAID use or smoking in relation to lung cancer risk in a prospective study. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2008</b> , 639, 89-100	3.3	73
84	Diesel exhaust particles are mutagenic in FE1-MutaMouse lung epithelial cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2008</b> , 641, 54-7	3.3	53
83	Sucrose, glucose and fructose have similar genotoxicity in the rat colon and affect the metabolome. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 752-60	4.7	13
82	Effects of prenatal exposure to diesel exhaust particles on postnatal development, behavior, genotoxicity and inflammation in mice. <i>Particle and Fibre Toxicology</i> , <b>2008</b> , 5, 3	8.4	91
81	COX-2 and p53 in human sinonasal cancer: COX-2 expression is associated with adenocarcinoma histology and wood-dust exposure. <i>International Journal of Cancer</i> , <b>2008</b> , 122, 2154-9	7.5	32
80	Genotoxicity, cytotoxicity, and reactive oxygen species induced by single-walled carbon nanotubes and C(60) fullerenes in the FE1-Mutatrade markMouse lung epithelial cells. <i>Environmental and Molecular Mutagenesis</i> , <b>2008</b> , 49, 476-87	3.2	311
79	Pharmacological Coal Tar Induces G:C to T:A Transversion Mutations in the Skin of MutaTM Mouse. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2008</b> , 89, 30-34		

78	Inflammation but no DNA (deoxyribonucleic acid) damage in mice exposed to airborne dust from a biofuel plant. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2008</b> , 34, 278-7	4.3	17
77	Dietary exposure to diesel exhaust particles and oxidatively damaged DNA in young oxoguanine DNA glycosylase 1 deficient mice. <i>Toxicology Letters</i> , <b>2007</b> , 175, 16-23	4.4	17
76	Increased mutant frequency by carbon black, but not quartz, in the lacZ and cII transgenes of muta mouse lung epithelial cells. <i>Environmental and Molecular Mutagenesis</i> , <b>2007</b> , 48, 451-61	3.2	119
75	Kupffer cells are central in the removal of nanoparticles from the organism. <i>Particle and Fibre Toxicology</i> , <b>2007</b> , 4, 10	8.4	399
74	High volume electrostatic field-sampler for collection of fine particle bulk samples. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 369-381	5.3	29
73	Polymorphisms in COX-2, NSAID use and risk of basal cell carcinoma in a prospective study of Danes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 617, 138-46	3.3	59
72	XPA A23G, XPC Lys939Gln, XPD Lys751Gln and XPD Asp312Asn polymorphisms, interactions with smoking, alcohol and dietary factors, and risk of colorectal cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 619, 68-80	3.3	62
71	Prospective study of interaction between alcohol, NSAID use and polymorphisms in genes involved in the inflammatory response in relation to risk of colorectal cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 624, 88-100	3.3	61
70	Polymorphisms in the genes ERCC2, XRCC3 and CD3EAP influence treatment outcome in multiple myeloma patients undergoing autologous bone marrow transplantation. <i>International Journal of Cancer</i> , <b>2007</b> , 120, 1036-45	7.5	40
69	Peroxisome proliferator-activated [corrected] receptor-gamma2 [corrected] Pro12Ala, interaction with alcohol intake and NSAID use, in relation to risk of breast cancer in a prospective study of Danes. <i>Carcinogenesis</i> , <b>2007</b> , 28, 427-34	4.6	63
68	Repeated inhalations of diesel exhaust particles and oxidatively damaged DNA in young oxoguanine DNA glycosylase (OGG1) deficient mice. <i>Free Radical Research</i> , <b>2007</b> , 41, 172-81	4	38
67	Gene-environment interactions between smoking and a haplotype of RAI, ASE-1 and ERCC1 polymorphisms among women in relation to risk of lung cancer in a population-based study. <i>Cancer Letters</i> , <b>2007</b> , 247, 159-65	9.9	19
66	Inflammatory response and genotoxicity of seven wood dusts in the human epithelial cell line A549. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2007</b> , 632, 78-88	3	41
65	Genotoxicity, inflammation and physico-chemical properties of fine particle samples from an incineration energy plant and urban air. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2007</b> , 633, 95-111	3	36
64	ERCC1, XPD and RAI mRNA levels in lymphocytes are not associated with lung cancer risk in a prospective study of Danes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2006</b> , 593, 88-96	3.3	26
63	Effects of polymorphisms in ERCC1, ASE-1 and RAI on the risk of colorectal carcinomas and adenomas: a case control study. <i>BMC Cancer</i> , <b>2006</b> , 6, 175	4.8	29
62	Increased mRNA expression levels of ERCC1, OGG1 and RAI in colorectal adenomas and carcinomas. <i>BMC Cancer</i> , <b>2006</b> , 6, 208	4.8	25
61	Polymorphisms of the XRCC1, XRCC3 and XPD genes and risk of colorectal adenoma and carcinoma, in a Norwegian cohort: a case control study. <i>BMC Cancer</i> , <b>2006</b> , 6, 67	4.8	80



60	Associations between GPX1 Pro198Leu polymorphism, erythrocyte GPX activity, alcohol consumption and breast cancer risk in a prospective cohort study. <i>Carcinogenesis</i> , <b>2006</b> , 27, 820-5	4.6	189
59	Cytokine expression in mice exposed to diesel exhaust particles by inhalation. Role of tumor necrosis factor. <i>Particle and Fibre Toxicology</i> , <b>2006</b> , 3, 4	8.4	49
58	Combinations of polymorphisms in XPD, XPC and XPA in relation to risk of lung cancer. <i>Cancer Letters</i> , <b>2005</b> , 222, 67-74	9.9	74
57	Tumor necrosis factor is not required for particle-induced genotoxicity and pulmonary inflammation. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 177-82	5.8	76
56	Effect of polymorphisms in XPD, RAI, ASE-1 and ERCC1 on the risk of basal cell carcinoma among Caucasians after age 50. <i>Cancer Detection and Prevention</i> , <b>2005</b> , 29, 209-14		38
55	Two regions in chromosome 19q13.2-3 are associated with risk of lung cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2004</b> , 546, 65-74	3.3	88
54	DNA damage in lung after oral exposure to diesel exhaust particles in Big Blue rats. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2004</b> , 550, 123-32	3.3	31
53	Sucrose and IQ induced mutations in rat colon by independent mechanism. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2004</b> , 554, 279-86	3.3	7
52	No association between base excision repair gene polymorphisms and risk of lung cancer. <i>Biochemical Genetics</i> , <b>2004</b> , 42, 453-60	2.4	49
51	XRCC3 polymorphisms and risk of lung cancer. <i>Cancer Letters</i> , <b>2004</b> , 213, 67-72	9.9	60
50	Urinary 1-hydroxypyrene and mutagenicity in bus drivers and mail carriers exposed to urban air pollution in Denmark. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2004</b> , 557, 7-17	3	52
49	Inflammatory and genotoxic effects of diesel particles in vitro and in vivo. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2004</b> , 562, 119-31	3	102
48	A specific haplotype of single nucleotide polymorphisms on chromosome 19q13.2-3 encompassing the gene RAI is indicative of post-menopausal breast cancer before age 55. <i>Carcinogenesis</i> , <b>2003</b> , 24, 899-904	4.6	69
47	DNA adduct formation and oxidative stress in colon and liver of Big Blue rats after dietary exposure to diesel particles. <i>Carcinogenesis</i> , <b>2003</b> , 24, 1759-66	4.6	68
46	Dietary elevated sucrose modulation of diesel-induced genotoxicity in the colon and liver of Big Blue rats. <i>Archives of Toxicology</i> , <b>2003</b> , 77, 651-6	5.8	14
45	Dietary low-dose sucrose modulation of IQ-induced genotoxicity in the colon and liver of Big Blue rats. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2003</b> , 527, 91-7	3.3	7
44	Oxidative DNA damage in vitamin C-supplemented guinea pigs after intratracheal instillation of diesel exhaust particles. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 189, 39-44	4.6	42
43	Oxidative DNA damage and defence gene expression in the mouse lung after short-term exposure to diesel exhaust particles by inhalation. <i>Carcinogenesis</i> , <b>2003</b> , 24, 1847-52	4.6	101

42	Effect of increased intake of dietary animal fat and fat energy on oxidative damage, mutation frequency, DNA adduct level and DNA repair in rat colon and liver. <i>Free Radical Research</i> , <b>2003</b> , 37, 947-56	4	13
41	No association between the DNA repair gene XRCC3 T241M polymorphism and risk of skin cancer and breast cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2003</b> , 12, 584-5	4	27
40	Sunlight-induced DNA damage in human mononuclear cells. <i>FASEB Journal</i> , <b>2002</b> , 16, 45-53	0.9	75
39	Mutagenicity of 2-amino-3-methylimidazo[4,5-f]quinoline in colon and liver of Big Blue rats: role of DNA adducts, strand breaks, DNA repair and oxidative stress. <i>Carcinogenesis</i> , <b>2002</b> , 23, 1379-85	4.6	35
38	Inhalation of ozone induces DNA strand breaks and inflammation in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2002</b> , 520, 63-71	3	43
37	A sucrose-rich diet induces mutations in the rat colon. <i>Cancer Research</i> , <b>2002</b> , 62, 4339-45	10.1	23
36	Pharmacological coal tar induces G:C to T:A transversion mutations in the skin of muta mouse. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2001</b> , 89, 30-4		6
35	A molecular pathway for UV-induced CC to TT mutations. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2000</b> , 447, 317-8	3.3	6
34	Psoriasis patients with basal cell carcinoma have more repair-mediated DNA strand-breaks after UVC damage in lymphocytes than psoriasis patients without basal cell carcinoma. <i>Cancer Letters</i> , <b>2000</b> , 151, 187-92	9.9	31
33	A strong genotoxic effect in mouse skin of a single painting of coal tar in hairless mice and in MutaMouse. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2000</b> , 468, 117-24	3	27
32	Genotoxic hazards of azo pigments and other colorants related to 1-phenylazo-2-hydroxynaphthalene. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2000</b> , 462, 13-30	7	105
31	Sensitivity to nitrogen mustard relates to the ability of processing DNA damage in Chinese hamster ovary cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2000</b> , 86, 169-77		6
30	Low DNA repair is a risk factor in skin carcinogenesis: a study of basal cell carcinoma in psoriasis patients. <i>Mutation Research DNA Repair</i> , <b>1999</b> , 433, 15-22		38
29	Biomarkers for Exposure to Ambient Air Pollution. Comparison of Carcinogen-DNA Adduct Levels with Other Exposure Markers and Markers for Oxidative Stress. <i>Environmental Health Perspectives</i> , <b>1999</b> , 107, 233	8.4	76
28	DNA damage in isolated rat hepatocytes exposed to C.I. pigment orange 5 and C.I. pigment yellow 12 by the alkaline comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , <b>1998</b> , 18, 9-16		6
27	K-ras mutations in sinonasal adenocarcinomas in patients occupationally exposed to wood or leather dust. <i>Cancer Letters</i> , <b>1998</b> , 126, 59-65	9.9	57
26	Adduct formation, mutagenesis and nucleotide excision repair of DNA damage produced by reactive oxygen species and lipid peroxidation product. <i>Mutation Research - Reviews in Mutation Research</i> , <b>1998</b> , 410, 271-90	7	114
25	Seasonal variation of DNA damage and repair in patients with non-melanoma skin cancer and referents with and without psoriasis. <i>Mutation Research DNA Repair</i> , <b>1998</b> , 407, 25-34		46

24	Oxidative stress associated with exercise, psychological stress and life-style factors. <i>Chemico-Biological Interactions</i> , <b>1996</b> , 102, 17-36	5	149
23	Lung carcinoma and malignant mesothelioma in patients exposed to Thorotrast: incidence, histology and p53 status. <i>International Journal of Cancer</i> , <b>1995</b> , 63, 330-6	7.5	40
22	Inhibition of intercellular communication by condensates of high and low tar cigarettes. <i>Archives of Toxicology</i> , <b>1995</b> , 69, 415-20	5.8	6
21	Cytochrome P450-mediated metabolism of tumour promoters modifies the inhibition of intercellular communication: a modified assay for tumour promotion. <i>Carcinogenesis</i> , <b>1993</b> , 14, 2365-71	4.6	7
20	Induction of CD3 delta epsilon omega by phorbol 12-myristate 13-acetate. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1351-7	6.1	6
19	Bioactivation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]-pyridine by liver microsomes from three different rat strains. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1993</b> , 72, 388-93		7
18	Effect of dietary fiber on the disposition and excretion of a food carcinogen (2-14C-labeled MeIQx) in rats. <i>Nutrition and Cancer</i> , <b>1992</b> , 17, 139-51	2.8	14
17	Covalent binding of food carcinogens MeIQx, MeIQ and IQ to DNA and protein in microsomal incubations and isolated rat hepatocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1992</b> , 70, 220-5		9
16	Immunochemical detection of rodent hepatic and urinary metabolites of cooking-induced food mutagens. <i>Carcinogenesis</i> , <b>1991</b> , 12, 349-54	4.6	10
15	The effect of dose and enzyme inducers on the metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in rats. <i>Carcinogenesis</i> , <b>1991</b> , 12, 2291-5	4.6	34
14	Reductive metabolism and protein binding of chromium(VI) by P450 protein enzymes. <i>Carcinogenesis</i> , <b>1991</b> , 12, 825-31	4.6	44
13	Formation of a glutathione conjugate and a semistable transportable glucuronide conjugate of N2-oxidized species of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in rat liver. <i>Carcinogenesis</i> , <b>1991</b> , 12, 2239-45	4.6	86
12	Activation of microsomal glutathione transferase activity by reactive intermediates formed during the metabolism of phenol. <i>Chemico-Biological Interactions</i> , <b>1990</b> , 75, 185-99	5	24
11	Differential rates of metabolic activation and detoxication of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by different cytochrome P450 enzymes. <i>Carcinogenesis</i> , <b>1990</b> , 11, 489-92	4.6	116
10	Disposition and metabolism of the food mutagen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx) in rats. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1269-75	4.6	39
9	Genotoxicity of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP): formation of 2-hydroxamino-PhIP, a directly acting genotoxic metabolite. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1389-96	4.6	109
8	Metabolism of the food carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in isolated rat liver cells. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1277-83	4.6	23
7	Characterisation of metabolites of the food mutagens 2-amino-3-methylimidazo[4,5-f]quinoline and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline formed after incubation with isolated rat liver cells. <i>Chemico-Biological Interactions</i> , <b>1989</b> , 72, 125-42	5	12

6	Investigation of benzo[a]pyrene-globin adducts. <i>Cancer Letters</i> , <b>1987</b> , 35, 139-46	9.9	15
5	Evidence that covalent binding of metabolically activated phenol to microsomal proteins is caused by oxidised products of hydroquinone and catechol. <i>Chemico-Biological Interactions</i> , <b>1985</b> , 55, 335-46	5	18
4	Covalent binding of benzo[a]pyrene to cytochrome P-450 beta NF-B2 and other proteins in reconstituted mixed-function oxidase systems. <i>Chemico-Biological Interactions</i> , <b>1984</b> , 49, 269-81	5	3
3	Enzyme immunoassay of benzo[a]pyrene conjugated to DNA, RNA and microsomal proteins using a monoclonal antibody. <i>Cancer Letters</i> , <b>1984</b> , 22, 163-70	9.9	10
2	Chromatin structure studied by linear dichroism at different salt concentrations. <i>Biopolymers</i> , <b>1982</b> , 21, 343-58	2.2	37
1	A rapid and sensitive method for determination of covalent binding of benzo[a]pyrene to proteins. <i>Chemico-Biological Interactions</i> , <b>1981</b> , 38, 109-18	5	36