Ulla B Vogel

List of Publications by Citations

378 papers	15,014 citations	64 h-index	97 g-index
396 ext. papers	16,867 ext. citations	5.1 avg, IF	6.25 L-index

#	Paper	IF	Citations
378	Kupffer cells are central in the removal of nanoparticles from the organism. *Particle and Fibre Toxicology*, **2007**, 4, 10	8.4	399
377	Distribution of silver in rats following 28 days of repeated oral exposure to silver nanoparticles or silver acetate. *Particle and Fibre Toxicology*, **2011**, 8, 18	8.4	334
376	Genotoxicity, cytotoxicity, and reactive oxygen species induced by single-walled carbon nanotubes and C(60) fullerenes in the FE1-Mutatrade markMouse lung epithelial cells. *Environmental and Molecular Mutagenesis*, **2008**, 49, 476-87	3.2	311
375	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. *ACS Nano*, **2018**, 12, 10582-10620	16.7	292
374	Lung inflammation and genotoxicity following pulmonary exposure to nanoparticles in ApoE-/- mice. *Particle and Fibre Toxicology*, **2009**, 6, 2	8.4	233
373	Protracted elimination of gold nanoparticles from mouse liver. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2009**, 5, 162-9	6	232
372	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. *Environmental Health Perspectives*, **2017**, 125, 106002	8.4	210
371	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. *Nature Genetics*, **2011**, 43, 1098-103	36.3	203
370	Associations between GPX1 Pro198Leu polymorphism, erythrocyte GPX activity, alcohol consumption and breast cancer risk in a prospective cohort study. *Carcinogenesis*, **2006**, 27, 820-5	4.6	189
369	Bioaccumulation and ecotoxicity of carbon nanotubes. *Chemistry Central Journal*, **2013**, 7, 154		179
368	Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. *Particle and Fibre Toxicology*, **2010**, 7, 16	8.4	162
367	Genome-wide association study identifies new prostate cancer susceptibility loci. *Human Molecular Genetics*, **2011**, 20, 3867-75	5.6	143
366	Prospective study of 8-oxo-7,8-dihydro-2Rdeoxyguanosine excretion and the risk of lung cancer. *Carcinogenesis*, **2006**, 27, 1245-50	4.6	140
365	MWCNTs of different physicochemical properties cause similar inflammatory responses, but differences in transcriptional and histological markers of fibrosis in mouse lungs. *Toxicology and Applied Pharmacology*, **2015**, 284, 16-32	4.6	134
364	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. *Particle and Fibre Toxicology*, **2012**, 9, 5	8.4	132
363	Pulmonary response to surface-coated nanotitanium dioxide particles includes induction of acute phase response genes, inflammatory cascades, and changes in microRNAs: a toxicogenomic study. *Environmental and Molecular Mutagenesis*, **2011**, 52, 425-39	3.2	129
362	Variation in the measurement of DNA damage by comet assay measured by the ECVAG inter-laboratory validation trial. *Mutagenesis*, **2010**, 25, 113-23	2.8	129

361	Association between variants of PRDM1 and NDP52 and Crohn's disease, based on exome sequencing and functional studies. *Gastroenterology*, **2013**, 145, 339-47	13.3	125
360	Increased mutant frequency by carbon black, but not quartz, in the lacZ and cII transgenes of muta mouse lung epithelial cells. *Environmental and Molecular Mutagenesis*, **2007**, 48, 451-61	3.2	119
359	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	5.3	118
358	A perspective on the developmental toxicity of inhaled nanoparticles. *Reproductive Toxicology*, **2015**, 56, 118-40	3.4	117
357	Epigenetic impact of long-term shiftwork: pilot evidence from circadian genes and whole-genome methylation analysis. *Chronobiology International*, **2011**, 28, 852-61	3.6	114
356	ITS-NANO--prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. *Particle and Fibre Toxicology*, **2014**, 11, 9	8.4	112
355	Biodistribution of gold nanoparticles in mouse lung following intratracheal instillation. *Chemistry Central Journal*, **2009**, 3, 16		111
354	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. *Nanotoxicology*, **2012**, 6, 453-71	5.3	104
353	Subacute oral toxicity investigation of nanoparticulate and ionic silver in rats. *Archives of Toxicology* , **2012**, 86, 543-51	5.8	103
352	Genome-wide association study identifies multiple susceptibility loci for multiple myeloma. *Nature Communications*, **2016**, 7, 12050	17.4	101
351	Oxidative DNA damage and defence gene expression in the mouse lung after short-term exposure to diesel exhaust particles by inhalation. *Carcinogenesis*, **2003**, 24, 1847-52	4.6	101
350	GPX Pro198Leu and OGG1 Ser326Cys polymorphisms and risk of development of colorectal adenomas and colorectal cancer. *Cancer Letters*, **2005**, 229, 85-91	9.9	99
349	Associations between functional polymorphisms in the NFB signaling pathway and response to anti-TNF treatment in Danish patients with inflammatory bowel disease. *Pharmacogenomics Journal* , **2014**, 14, 526-34	3.5	98
348	Multi-walled carbon nanotube physicochemical properties predict pulmonary inflammation and genotoxicity. *Nanotoxicology*, **2016**, 10, 1263-75	5.3	94
347	Nanotitanium dioxide toxicity in mouse lung is reduced in sanding dust from paint. *Particle and Fibre Toxicology*, **2012**, 9, 4	8.4	93
346	Effects of prenatal exposure to diesel exhaust particles on postnatal development, behavior, genotoxicity and inflammation in mice. *Particle and Fibre Toxicology*, **2008**, 5, 3	8.4	91
345	Diet and risk of inflammatory bowel disease. *Digestive and Liver Disease*, **2012**, 44, 185-94	3.3	88
344	Particle-induced pulmonary acute phase response correlates with neutrophil influx linking inhaled particles and cardiovascular risk. *PLoS ONE*, **2013**, 8, e69020	3.7	88

343	Two regions in chromosome 19q13.2-3 are associated with risk of lung cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2004**, 546, 65-74	3.3	88
342	Nano-risk Science: application of toxicogenomics in an adverse outcome pathway framework for risk assessment of multi-walled carbon nanotubes. *Particle and Fibre Toxicology*, **2016**, 13, 15	8.4	86
341	Hepatic and pulmonary toxicogenomic profiles in mice intratracheally instilled with carbon black nanoparticles reveal pulmonary inflammation, acute phase response, and alterations in lipid homeostasis. *Toxicological Sciences*, **2012**, 127, 474-84	4.4	86
340	Exposure of pregnant mice to carbon black by intratracheal instillation: toxicogenomic effects in dams and offspring. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2012**, 745, 73-83	3	85
339	Pulmonary instillation of low doses of titanium dioxide nanoparticles in mice leads to particle retention and gene expression changes in the absence of inflammation. *Toxicology and Applied Pharmacology*, **2013**, 269, 250-62	4.6	83
338	Common variants in CYP2R1 and GC genes predict vitamin D concentrations in healthy Danish children and adults. *PLoS ONE*, **2014**, 9, e89907	3.7	82
337	Polymorphisms in the xenobiotic transporter Multidrug Resistance 1 (MDR1) and interaction with meat intake in relation to risk of colorectal cancer in a Danish prospective case-cohort study. *BMC Cancer*, **2009**, 9, 407	4.8	82
336	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO(2). *Particle and Fibre Toxicology*, **2011**, 8, 32	8.4	81
335	Polymorphisms of the XRCC1, XRCC3 and XPD genes and risk of colorectal adenoma and carcinoma, in a Norwegian cohort: a case control study. *BMC Cancer*, **2006**, 6, 67	4.8	80
334	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. *Microbiome*, **2017**, 5, 43	16.6	77
333	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Human Molecular Genetics*, **2014**, 23, 6616-33	5.6	77
332	Particle-induced pulmonary acute phase response may be the causal link between particle inhalation and cardiovascular disease. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2014**, 6, 517-31	9.2	76
331	Tumor necrosis factor is not required for particle-induced genotoxicity and pulmonary inflammation. *Archives of Toxicology*, **2005**, 79, 177-82	5.8	76
330	Intratracheally instilled titanium dioxide nanoparticles translocate to heart and liver and activate complement cascade in the heart of C57BL/6 mice. *Nanotoxicology*, **2015**, 9, 1013-22	5.3	75
329	Polymorphisms in the inflammatory pathway genes TLR2, TLR4, TLR9, LY96, NFKBIA, NFKB1, TNFA, TNFRSF1A, IL6R, IL10, IL23R, PTPN22, and PPARG are associated with susceptibility of inflammatory bowel disease in a Danish cohort. *PLoS ONE*, **2014**, 9, e98815	3.7	75
328	DNA repair capacity: inconsistency between effect of over-expression of five NER genes and the correlation to mRNA levels in primary lymphocytes. *Mutation Research DNA Repair*, **2000**, 461, 197-210		75
327	Combinations of polymorphisms in XPD, XPC and XPA in relation to risk of lung cancer. *Cancer Letters*, **2005**, 222, 67-74	9.9	74
326	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. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 639, 89-100	3.3	73

325	GPX1 Pro198Leu polymorphism, interactions with smoking and alcohol consumption, and risk for lung cancer. *Cancer Letters*, **2007**, 247, 293-300	9.9	72
324	Transcriptomic analysis reveals novel mechanistic insight into murine biological responses to multi-walled carbon nanotubes in lungs and cultured lung epithelial cells. *PLoS ONE*, **2013**, 8, e80452	3.7	71
323	Polymorphisms in NF-B, PXR, LXR, PPAR and risk of inflammatory bowel disease. *World Journal of Gastroenterology*, **2011**, 17, 197-206	5.6	71
322	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. *Nanotoxicology*, **2012**, 6, 776-88	5.3	70
321	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. *Carcinogenesis*, **2003**, 24, 899-904	4.6	69
320	Adverse outcome pathways as a tool for the design of testing strategies to support the safety assessment of emerging advanced materials at the nanoscale. *Particle and Fibre Toxicology*, **2020**, 17, 16	8.4	68
319	DNA adduct formation and oxidative stress in colon and liver of Big Blue rats after dietary exposure to diesel particles. *Carcinogenesis*, **2003**, 24, 1759-66	4.6	68
318	FADS genotype and diet are important determinants of DHA status: a cross-sectional study in Danish infants. *American Journal of Clinical Nutrition*, **2013**, 97, 1403-10	7	66
317	GPX1 Pro(198)Leu polymorphism, erythrocyte GPX activity, interaction with alcohol consumption and smoking, and risk of colorectal cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 664, 13-9	3.3	66
316	A risk model for lung cancer incidence. *Cancer Prevention Research*, **2012**, 5, 834-46	3.2	66
315	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. *Environmental and Molecular Mutagenesis*, **2015**, 56, 183-203	3.2	65
314	Decreasing transcription elongation rate in Escherichia coli exposed to amino acid starvation. *Molecular Microbiology*, **1992**, 6, 2191-200	4.1	64
313	Daily sperm production: application in studies of prenatal exposure to nanoparticles in mice. *Reproductive Toxicology*, **2013**, 36, 88-97	3.4	63
312	Validation of freezing tissues and cells for analysis of DNA strand break levels by comet assay. *Mutagenesis*, **2013**, 28, 699-707	2.8	63
311	NusA is required for ribosomal antitermination and for modulation of the transcription elongation rate of both antiterminated RNA and mRNA. *Journal of Biological Chemistry*, **1997**, 272, 12265-71	5.4	63
310	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. *Carcinogenesis*, **2007**, 28, 427-34	4.6	63
309	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	4.7	62
308	DNA damage following pulmonary exposure by instillation to low doses of carbon black (Printex 90) nanoparticles in mice. *Environmental and Molecular Mutagenesis*, **2015**, 56, 41-9	3.2	62

307	Polymorphisms in NFkB, PXR, LXR and risk of colorectal cancer in a prospective study of Danes. *BMC Cancer*, **2010**, 10, 484	4.8	62
306	XPA A23G, XPC Lys939Gln, XPD Lys751Gln and XPD Asp312Asn polymorphisms, interactions with smoking, alcohol and dietary factors, and risk of colorectal cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 619, 68-80	3.3	62
305	Effects of the antiterminator BoxA on transcription elongation kinetics and ppGpp inhibition of transcription elongation in Escherichia coli. *Journal of Biological Chemistry*, **1995**, 270, 18335-40	5.4	62
304	Systematic review: genetic biomarkers associated with anti-TNF treatment response in inflammatory bowel diseases. *Alimentary Pharmacology and Therapeutics*, **2016**, 44, 554-67	6.1	62
303	No cytotoxicity or genotoxicity of graphene and graphene oxide in murine lung epithelial FE1 cells in vitro. *Environmental and Molecular Mutagenesis*, **2016**, 57, 469-82	3.2	62
302	Prospective study of interaction between alcohol, NSAID use and polymorphisms in genes involved in the inflammatory response in relation to risk of colorectal cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 624, 88-100	3.3	61
301	Fibrillar vs crystalline nanocellulose pulmonary epithelial cell responses: Cytotoxicity or inflammation?. *Chemosphere*, **2017**, 171, 671-680	8.4	60
300	XRCC3 polymorphisms and risk of lung cancer. *Cancer Letters*, **2004**, 213, 67-72	9.9	60
299	Polymorphisms in COX-2, NSAID use and risk of basal cell carcinoma in a prospective study of Danes. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 617, 138-46	3.3	59
298	Mutation spectrum in FE1-MUTA(TM) Mouse lung epithelial cells exposed to nanoparticulate carbon black. *Environmental and Molecular Mutagenesis*, **2011**, 52, 331-7	3.2	57
297	The ratio of Matriptase/HAI-1 mRNA is higher in colorectal cancer adenomas and carcinomas than corresponding tissue from control individuals. *BMC Cancer*, **2006**, 6, 176	4.8	57
296	Effects of lung exposure to carbon nanotubes on female fertility and pregnancy. A study in mice. *Reproductive Toxicology*, **2013**, 41, 86-97	3.4	56
295	MTHFR polymorphisms and 5-FU-based adjuvant chemotherapy in colorectal cancer. *Annals of Oncology*, **2009**, 20, 1660-6	10.3	56
294	Short PNA molecular beacons for real-time PCR allelic discrimination of single nucleotide polymorphisms. *Molecular and Cellular Probes*, **2004**, 18, 117-22	3.3	55
293	X-ray-induced oxidative stress: DNA damage and gene expression of HO-1, ERCC1 and OGG1 in mouse lung. *Free Radical Research*, **2003**, 37, 957-66	4	55
292	Variants in ELL2 influencing immunoglobulin levels associate with multiple myeloma. *Nature Communications*, **2015**, 6, 7213	17.4	54
291	Association between 8-oxo-7,8-dihydroguanine excretion and risk of lung cancer in a prospective study. *Free Radical Biology and Medicine*, **2012**, 52, 167-72	7.8	54
290	K-ras mutations in sinonasal cancers in relation to wood dust exposure. *BMC Cancer*, **2008**, 8, 53	4.8	53

289	Diesel exhaust particles are mutagenic in FE1-MutaMouse lung epithelial cells. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 641, 54-7	3.3	53
288	The DNA repair gene XRCC1 and genetic susceptibility of lung cancer in a northeastern Chinese population. *Lung Cancer*, **2007**, 56, 153-60	5.9	53
287	Differences in inflammation and acute phase response but similar genotoxicity in mice following pulmonary exposure to graphene oxide and reduced graphene oxide. *PLoS ONE*, **2017**, 12, e0178355	3.7	52
286	Association between polymorphisms in glutathione peroxidase and selenoprotein P genes, glutathione peroxidase activity, HRT use and breast cancer risk. *PLoS ONE*, **2013**, 8, e73316	3.7	52
285	Changes in cholesterol homeostasis and acute phase response link pulmonary exposure to multi-walled carbon nanotubes to risk of cardiovascular disease. *Toxicology and Applied Pharmacology*, **2015**, 283, 210-22	4.6	51
284	Nonsteroidal anti-inflammatory drug use and breast cancer risk: a Danish cohort study. *European Journal of Cancer Prevention*, **2008**, 17, 88-96	2	51
283	Bulky DNA adducts as risk indicator of lung cancer in a Danish case-cohort study. *International Journal of Cancer*, **2006**, 118, 1618-22	7.5	50
282	Biological effects of fruit and vegetables. *Proceedings of the Nutrition Society*, **2006**, 65, 61-7	2.9	50
281	Multi-walled carbon nanotube-physicochemical properties predict the systemic acute phase response following pulmonary exposure in mice. *PLoS ONE*, **2017**, 12, e0174167	3.7	50
280	New basal cell carcinoma susceptibility loci. *Nature Communications*, **2015**, 6, 6825	17.4	49
279	Prenatal exposure to carbon black (printex 90): effects on sexual development and neurofunction. *Basic and Clinical Pharmacology and Toxicology*, **2011**, 109, 434-7	3.1	49
278	Cytokine expression in mice exposed to diesel exhaust particles by inhalation. Role of tumor necrosis factor. *Particle and Fibre Toxicology*, **2006**, 3, 4	8.4	49
277	No association between base excision repair gene polymorphisms and risk of lung cancer. *Biochemical Genetics*, **2004**, 42, 453-60	2.4	49
276	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. *Nanotoxicology*, **2013**, 7, 85-96	5.3	48
275	Multi-walled carbon nanotube-induced genotoxic, inflammatory and pro-fibrotic responses in mice: Investigating the mechanisms of pulmonary carcinogenesis. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2017**, 823, 28-44	3	48
274	Genotoxic and inflammatory effects of nanofibrillated cellulose in murine lungs. *Mutagenesis*, **2017**, 32, 23-31	2.8	48
273	Transcriptional profiling identifies physicochemical properties of nanomaterials that are determinants of the in vivo pulmonary response. *Environmental and Molecular Mutagenesis*, **2015**, 56, 245-64	3.2	48
272	Polymorphisms in fatty-acid-metabolism-related genes are associated with colorectal cancer risk. *Carcinogenesis*, **2010**, 31, 466-72	4.6	48

271	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. *Basic and Clinical Pharmacology and Toxicology*, **2019**, 124, 211-227	3.1	48
270	Systematic review and meta-analysis: pharmacogenetics of anti-TNF treatment response in rheumatoid arthritis. *Pharmacogenomics Journal*, **2017**, 17, 403-411	3.5	46
269	Gene expression profiling to identify potentially relevant disease outcomes and support human health risk assessment for carbon black nanoparticle exposure. *Toxicology*, **2013**, 303, 83-93	4.4	46
268	Biodistribution of Carbon Nanotubes in Animal Models. *Basic and Clinical Pharmacology and Toxicology*, **2017**, 121 Suppl 3, 30-43	3.1	46
267	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	3.3	46
266	Interactions between diet, lifestyle and IL10, IL1B, and PTGS2/COX-2 gene polymorphisms in relation to risk of colorectal cancer in a prospective Danish case-cohort study. *PLoS ONE*, **2013**, 8, e78366	3.7	45
265	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	3.3	45
264	Common variants in CYP2R1 and GC genes are both determinants of serum 25-hydroxyvitamin D concentrations after UVB irradiation and after consumption of vitamin D-fortified bread and milk during winter in Denmark. *American Journal of Clinical Nutrition*, **2015**, 101, 218-27	7	43
263	Anti-TNF treatment response in rheumatoid arthritis patients is associated with genetic variation in the NLRP3-inflammasome. *PLoS ONE*, **2014**, 9, e100361	3.7	43
262	Aspirin and other non-steroidal anti-inflammatory drugs and risk of colorectal cancer: a Danish cohort study. *Cancer Causes and Control*, **2009**, 20, 731-40	2.8	43
261	The polymorphism rs3024505 proximal to IL-10 is associated with risk of ulcerative colitis and Crohns disease in a Danish case-control study. *BMC Medical Genetics*, **2010**, 11, 82	2.1	43
260	Inhalation of ozone induces DNA strand breaks and inflammation in mice. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2002**, 520, 63-71	3	43
259	Polymorphisms in the Toll-Like Receptor and the IL-23/IL-17 Pathways Were Associated with Susceptibility to Inflammatory Bowel Disease in a Danish Cohort. *PLoS ONE*, **2015**, 10, e0145302	3.7	43
258	Carbon black nanoparticle intratracheal installation results in large and sustained changes in the expression of miR-135b in mouse lung. *Environmental and Molecular Mutagenesis*, **2012**, 53, 462-8	3.2	42
257	Combinations of polymorphisms in genes involved in the 5-Fluorouracil metabolism pathway are associated with gastrointestinal toxicity in chemotherapy-treated colorectal cancer patients. *Clinical Cancer Research*, **2011**, 17, 3822-9	12.9	42
256	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	8.4	41
255	Inflammatory response and genotoxicity of seven wood dusts in the human epithelial cell line A549. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2007**, 632, 78-88	3	41
254	Primary genotoxicity in the liver following pulmonary exposure to carbon black nanoparticles in mice. *Particle and Fibre Toxicology*, **2018**, 15, 2	8.4	40

253	DNA strand breaks, acute phase response and inflammation following pulmonary exposure by instillation to the diesel exhaust particle NIST1650b in mice. *Mutagenesis*, **2015**, 30, 499-507	2.8	40
252	Carbon black nanoparticles induce biphasic gene expression changes associated with inflammatory responses in the lungs of C57BL/6 mice following a single intratracheal instillation. *Toxicology and Applied Pharmacology*, **2015**, 289, 573-88	4.6	40
251	Polymorphisms in the genes ERCC2, XRCC3 and CD3EAP influence treatment outcome in multiple myeloma patients undergoing autologous bone marrow transplantation. *International Journal of Cancer*, **2007**, 120, 1036-45	7.5	40
250	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. *Particle and Fibre Toxicology*, **2018**, 15, 36	8.4	40
249	Meta-analysis of transcriptomic responses as a means to identify pulmonary disease outcomes for engineered nanomaterials. *Particle and Fibre Toxicology*, **2016**, 13, 25	8.4	39
248	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. *Human Molecular Genetics*, **2014**, 23, 3045-53	5.6	39
247	An experimental protocol for maternal pulmonary exposure in developmental toxicology. *Basic and Clinical Pharmacology and Toxicology*, **2011**, 108, 202-7	3.1	39
246	The DNA repair gene ERCC2/XPD polymorphism Arg 156Arg (A22541C) and risk of lung cancer in a Chinese population. *Cancer Letters*, **2005**, 223, 219-26	9.9	39
245	Genetic variation in the hTAS2R38 taste receptor and brassica vegetable intake. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2011**, 71, 274-9	2	38
244	Repeated inhalations of diesel exhaust particles and oxidatively damaged DNA in young oxoguanine DNA glycosylase (OGG1) deficient mice. *Free Radical Research*, **2007**, 41, 172-81	4	38
243	Effect of polymorphisms in XPD, RAI, ASE-1 and ERCC1 on the risk of basal cell carcinoma among Caucasians after age 50. *Cancer Detection and Prevention*, **2005**, 29, 209-14		38
242	Low DNA repair is a risk factor in skin carcinogenesis: a study of basal cell carcinoma in psoriasis patients. *Mutation Research DNA Repair*, **1999**, 433, 15-22		38
241	Effects of physicochemical properties of TiO nanomaterials for pulmonary inflammation, acute phase response and alveolar proteinosis in intratracheally exposed mice. *Toxicology and Applied Pharmacology*, **2020**, 386, 114830	4.6	38
240	The NFKB1 ATTG ins/del polymorphism and risk of coronary heart disease in three independent populations. *Atherosclerosis*, **2011**, 219, 200-4	3.1	37
239	Polymorphisms in nucleotide excision repair genes, smoking and intake of fruit and vegetables in relation to lung cancer. *Lung Cancer*, **2008**, 59, 171-9	5.9	36
238	Polymorphism of the DNA repair gene ERCC2 Lys751Gln and risk of lung cancer in a northeastern Chinese population. *Cancer Genetics and Cytogenetics*, **2006**, 169, 27-32		36
237	Genotoxicity, inflammation and physico-chemical properties of fine particle samples from an incineration energy plant and urban air. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2007**, 633, 95-111	3	36
236	Expression of prostasin and its inhibitors during colorectal cancer carcinogenesis. *BMC Cancer*, **2009**, 9, 201	4.8	35

235	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. *Carcinogenesis*, **2002**, 23, 1379-85	4.6	35
234	Inter-individual variation, seasonal variation and close correlation of OGG1 and ERCC1 mRNA levels in full blood from healthy volunteers. *Carcinogenesis*, **2002**, 23, 1505-9	4.6	35
233	Polymorphisms in the NFkB, TNF-alpha, IL-1beta, and IL-18 pathways are associated with response to anti-TNF therapy in Danish patients with inflammatory bowel disease. *Alimentary Pharmacology and Therapeutics*, **2019**, 49, 890-903	6.1	35
232	Promise and peril in nanomedicine: the challenges and needs for integrated systems biology approaches to define health risk. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2018**, 10, e1465	9.2	34
231	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. *Toxicology*, **2016**, 371, 29-40	4.4	34
230	Effect of a long-term high-protein diet on survival, obesity development, and gut microbiota in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E886-99	6	34
229	Epoxy composite dusts with and without carbon nanotubes cause similar pulmonary responses, but differences in liver histology in mice following pulmonary deposition. *Particle and Fibre Toxicology*, **2016**, 13, 37	8.4	34
228	Association of chromosome 19q13.2-3 haplotypes with basal cell carcinoma: tentative delineation of an involved region using data for single nucleotide polymorphisms in two cohorts. *Carcinogenesis* , **2002**, 23, 1149-53	4.6	34
227	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. *Particle and Fibre Toxicology*, **2017**, 14, 37	8.4	33
226	Interaction between interleukin-10 (IL-10) polymorphisms and dietary fibre in relation to risk of colorectal cancer in a Danish case-cohort study. *BMC Cancer*, **2012**, 12, 183	4.8	33
225	The T111I variant in the endothelial lipase gene and risk of coronary heart disease in three independent populations. *European Heart Journal*, **2009**, 30, 1584-9	9.5	33
224	Alcohol dehydrogenase and aldehyde dehydrogenase gene polymorphisms, alcohol intake and the risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition study. *European Journal of Clinical Nutrition*, **2012**, 66, 1303-8	5.2	32
223	Aberrant DNA methylation of miR-219 promoter in long-term night shiftworkers. *Environmental and Molecular Mutagenesis*, **2013**, 54, 406-13	3.2	31
222	S447X variant of the lipoprotein lipase gene, lipids, and risk of coronary heart disease in 3 prospective cohort studies. *American Heart Journal*, **2009**, 157, 384-90	4.9	31
221	DNA damage in lung after oral exposure to diesel exhaust particles in Big Blue rats. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2004**, 550, 123-32	3.3	31
220	Genetically determined high activities of the TNF-alpha, IL23/IL17, and NFkB pathways were associated with increased risk of ankylosing spondylitis. *BMC Medical Genetics*, **2018**, 19, 165	2.1	31
219	Surface modification does not influence the genotoxic and inflammatory effects of TiO2 nanoparticles after pulmonary exposure by instillation in mice. *Mutagenesis*, **2017**, 32, 47-57	2.8	30
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