Ulla B Vogel

List of Publications by Year
in descending order

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384 papers	18,637 citations	10986 71 h-index	24982 109 g-index
396 all docs	396 docs citations	396 times ranked	22243 citing authors

#	Article	IF	Citations
1	Kupffer cells are central in the removal of nanoparticles from the organism. Particle and Fibre Toxicology, 2007, 4, 10.	6.2	482
2	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. ACS Nano, 2018, 12, 10582-10620.	14.6	438
3	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.	6.2	394
4	Genotoxicity, cytotoxicity, and reactive oxygen species induced by singleâ€walled carbon nanotubes and C₆₀ fullerenes in the FE1â€Mutaâ„¢Mouse lung epithelial cells. Environmental and Molecular Mutagenesis, 2008, 49, 476-487.	2.2	343
5	Protracted elimination of gold nanoparticles from mouse liver. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 162-169.	3.3	275
6	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. Environmental Health Perspectives, 2017, 125, 106002.	6.0	274
7	Lung inflammation and genotoxicity following pulmonary exposure to nanoparticles in ApoE-/- mice. Particle and Fibre Toxicology, 2009, 6, 2.	6.2	269
8	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. Nature Genetics, 2011, 43, 1098-1103.	21.4	251
9	Bioaccumulation and ecotoxicity of carbon nanotubes. Chemistry Central Journal, 2013, 7, 154.	2.6	229
10	Associations between GPX1 Pro198Leu polymorphism, erythrocyte GPX activity, alcohol consumption and breast cancer risk in a prospective cohort study. Carcinogenesis, 2006, 27, 820-825.	2.8	210
11	Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. Particle and Fibre Toxicology, 2010, 7, 16.	6.2	182
12	Prospective study of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine excretion and the risk of lung cancer. Carcinogenesis, 2006, 27, 1245-1250.	2.8	160
13	Genome-wide association study identifies new prostate cancer susceptibility loci. Human Molecular Genetics, 2011, 20, 3867-3875.	2.9	160
14	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.	2.8	159
15	Carbon black nanoparticle instillation induces sustained inflammation and genotoxicity in mouse lung and liver. Particle and Fibre Toxicology, 2012, 9, 5.	6.2	158
16	Variation in the measurement of DNA damage by comet assay measured by the ECVAGÂ inter-laboratory validation trial. Mutagenesis, 2010, 25, 113-123.	2.6	155
17	Association Between Variants of PRDM1 and NDP52 and Crohn's Disease, Based on Exome Sequencing and Functional Studies. Gastroenterology, 2013, 145, 339-347.	1.3	149
18	Pulmonary response to surfaceâ€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, 425-439.	2.2	148

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19	Genome-wide association study identifies multiple susceptibility loci for multiple myeloma. Nature Communications, 2016, 7, 12050.	12.8	146
20	A perspective on the developmental toxicity of inhaled nanoparticles. Reproductive Toxicology, 2015, 56, 118-140.	2.9	143
21	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.	6.2	139
22	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.	3.0	135
23	Biodistribution of gold nanoparticles in mouse lung following intratracheal instillation. Chemistry Central Journal, 2009, 3, 16.	2.6	133
24	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. Microbiome, 2017, 5, 43.	11.1	132
25	Epigenetic Impact of Long-Term Shiftwork: Pilot Evidence From Circadian Genes and Whole-Genome Methylation Analysis. Chronobiology International, 2011, 28, 852-861.	2.0	131
26	Multi-walled carbon nanotube physicochemical properties predict pulmonary inflammation and genotoxicity. Nanotoxicology, 2016, 10, 1263-1275.	3.0	126
27	Increased mutant frequency by carbon black, but not quartz, in thelacZ andcII transgenes of mutaâ„¢mouse lung epithelial cells. Environmental and Molecular Mutagenesis, 2007, 48, 451-461.	2.2	125
28	ITS-NANO - Prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. Particle and Fibre Toxicology, 2014, 11, 9.	6.2	124
29	Subacute oral toxicity investigation of nanoparticulate and ionic silver in rats. Archives of Toxicology, 2012, 86, 543-551.	4.2	119
30	Inflammatory and genotoxic effects of nanoparticles designed for inclusion in paints and lacquers. Nanotoxicology, 2012, 6, 453-471.	3.0	118
31	Associations between functional polymorphisms in the NFÎºB signaling pathway and response to anti-TNF treatment in Danish patients with inflammatory bowel disease. Pharmacogenomics Journal, 2014, 14, 526-534.	2.0	118
32	GPX Pro198Leu and OGG1 Ser326Cys polymorphisms and risk of development of colorectal adenomas and colorectal cancer. Cancer Letters, 2005, 229, 85-91.	7.2	114
33	Diet and risk of inflammatory bowel disease. Digestive and Liver Disease, 2012, 44, 185-194.	0.9	114
34	Oxidative DNA damage and defence gene expression in the mouse lung after short-term exposure to diesel exhaust particles by inhalation. Carcinogenesis, 2003, 24, 1847-1852.	2.8	113
35	Nanotitanium dioxide toxicity in mouse lung is reduced in sanding dust from paint. Particle and Fibre Toxicology, 2012, 9, 4.	6.2	108
36	Nano-risk Science: application of toxicogenomics in an adverse outcome pathway framework for risk assessment of multi-walled carbon nanotubes. Particle and Fibre Toxicology, 2015, 13, 15.	6.2	108

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37	Effects of prenatal exposure to diesel exhaust particles on postnatal development, behavior, genotoxicity and inflammation in mice. Particle and Fibre Toxicology, 2008, 5, 3.	6.2	107
38	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.	2.5	102
39	Variants in ELL2 influencing immunoglobulin levels associate with multiple myeloma. Nature Communications, 2015, 6, 7213.	12.8	101
40	Common Variants in CYP2R1 and GC Genes Predict Vitamin D Concentrations in Healthy Danish Children and Adults. PLoS ONE, 2014, 9, e89907.	2.5	99
41	Particle-Induced Pulmonary Acute Phase Response Correlates with Neutrophil Influx Linking Inhaled Particles and Cardiovascular Risk. PLoS ONE, 2013, 8, e69020.	2.5	98
42	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, 474-484.	3.1	96
43	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.	1.0	94
44	Polymorphisms of the XRCC1, XRCC3 and XPDgenes and risk of colorectal adenoma and carcinoma, in a Norwegian cohort: a case control study. BMC Cancer, 2006, 6, 67.	2.6	93
45	A Risk Model for Lung Cancer Incidence. Cancer Prevention Research, 2012, 5, 834-846.	1.5	93
46	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.	1.7	92
47	Intratracheally instilled titanium dioxide nanoparticles translocate to heart and liver and activate complement cascade in the heart of C57BL/6 mice. Nanotoxicology, 2015, 9, 1013-1022.	3.0	92
48	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, 250-262.	2.8	91
49	Particleâ€induced pulmonary acute phase response may be the causal link between particle inhalation and cardiovascular disease. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 517-531.	6.1	91
50	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.	3.7	90
51	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, 6616-6633.	2.9	90
52	Tumor necrosis factor is not required for particle-induced genotoxicity and pulmonary inflammation. Archives of Toxicology, 2005, 79, 177-182.	4.2	89
53	Systematic review: genetic biomarkers associated with antiâ€TNF treatment response in inflammatory bowel diseases. Alimentary Pharmacology and Therapeutics, 2016, 44, 554-567.	3.7	88
54	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.	2.6	87

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55	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.	3.6	87
56	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO2. Particle and Fibre Toxicology, 2011, 8, 32.	6.2	85
57	Fibrillar vs crystalline nanocellulose pulmonary epithelial cell responses: Cytotoxicity or inflammation?. Chemosphere, 2017, 171, 671-680.	8.2	84
58	Polymorphisms in NF-Î²B, PXR, LXR, PPARÎ³ and risk of inflammatory bowel disease. World Journal of Gastroenterology, 2011, 17, 197.	3.3	83
59	GPX1 Pro198Leu polymorphism, interactions with smoking and alcohol consumption, and risk for lung cancer. Cancer Letters, 2007, 247, 293-300.	7.2	82
60	No cytotoxicity or genotoxicity of graphene and graphene oxide in murine lung epithelial FE1 cells in vitro. Environmental and Molecular Mutagenesis, 2016, 57, 469-482.	2.2	82
61	DNA adduct formation and oxidative stress in colon and liver of Big Blue(R) rats after dietary exposure to diesel particles. Carcinogenesis, 2003, 24, 1759-1766.	2.8	81
62	Daily sperm production: Application in studies of prenatal exposure to nanoparticles in mice. Reproductive Toxicology, 2013, 36, 88-97.	2.9	80
63	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.	2.5	80
64	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.	2.8	79
65	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.	1.0	79
66	Combinations of polymorphisms in XPD, XPC and XPA in relation to risk of lung cancer. Cancer Letters, 2005, 222, 67-74.	7.2	78
67	Characterization of genotoxic response to 15 multiwalled carbon nanotubes with variable physicochemical properties including surface functionalizations in the <scp>FE</scp>1â€Muta(<scp>TM</scp>) mouse lung epithelial cell line. Environmental and Molecular Mutagenesis, 2015, 56, 183-203.	2.2	78
68	Polymorphisms in fatty acid metabolism-related genes are associated with colorectal cancer risk. Carcinogenesis, 2010, 31, 466-472.	2.8	77
69	Inflammatory and genotoxic effects of sanding dust generated from nanoparticle-containing paints and lacquers. Nanotoxicology, 2012, 6, 776-788.	3.0	77
70	FADS genotype and diet are important determinants of DHA status: a cross-sectional study in Danish infants. American Journal of Clinical Nutrition, 2013, 97, 1403-1410.	4.7	76
71	Decreasing transcription elongation rate in Escherichia Coli exposed to amino acid starvation. Molecular Microbiology, 1992, 6, 2191-2200.	2.5	75
72	Systematic review and meta-analysis: pharmacogenetics of anti-TNF treatment response in rheumatoid arthritis. Pharmacogenomics Journal, 2017, 17, 403-411.	2.0	75

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73	Peroxisome profilerator-activated receptorÂ2 Pro12Ala, interaction with alcohol intake and NSAID use, in relation to risk of breast cancer in a prospective study of Danes. Carcinogenesis, 2006, 28, 427-434.	2.8	74
74	Validation of freezing tissues and cells for analysis of DNA strand break levels by comet assay. Mutagenesis, 2013, 28, 699-707.	2.6	74
75	Effects of the Antiterminator BoxA on Transcription Elongation Kinetics and ppGpp Inhibition of Transcription Elongation in Escherichia coli. Journal of Biological Chemistry, 1995, 270, 18335-18340.	3.4	72
76	GPX1 Pro198Leu 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, 13-19.	1.0	72
77	DNA damage following pulmonary exposure by instillation to low doses of carbon black (Printex 90) nanoparticles in mice. Environmental and Molecular Mutagenesis, 2015, 56, 41-49.	2.2	72
78	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.	1.7	72
79	Biodistribution of Carbon Nanotubes in Animal Models. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 30-43.	2.5	72
80	Physicochemical predictors of Multiâ€Walled Carbon Nanotubeâ€“induced pulmonary histopathology and toxicity one year after pulmonary deposition of 11 different Multiâ€Walled Carbon Nanotubes in mice. Basic and Clinical Pharmacology and Toxicology, 2019, 124, 211-227.	2.5	72
81	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.	2.5	71
82	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.	1.0	70
83	X-ray-induced Oxidative Stress: DNA Damage and Gene Expression of HO-1 , ERCC1 and OGG1 in Mouse Lung. Free Radical Research, 2003, 37, 957-966.	3.3	70
84	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, 12265-12271.	3.4	68
85	Polymorphisms in NFkB, PXR, LXR and risk of colorectal cancer in a prospective study of Danes. BMC Cancer, 2010, 10, 484.	2.6	68
86	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.	1.0	67
87	Mutation spectrum in FE1â€MUTA^{TM}Mouse lung epithelial cells exposed to nanoparticulate carbon black. Environmental and Molecular Mutagenesis, 2011, 52, 331-337.	2.2	66
88	Effects of lung exposure to carbon nanotubes on female fertility and pregnancy. A study in mice. Reproductive Toxicology, 2013, 41, 86-97.	2.9	66
89	Effects of physicochemical properties of TiO2 nanomaterials for pulmonary inflammation, acute phase response and alveolar proteinosis in intratracheally exposed mice. Toxicology and Applied Pharmacology, 2020, 386, 114830.	2.8	66
90	XRCC3 polymorphisms and risk of lung cancer. Cancer Letters, 2004, 213, 67-72.	7.2	65

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91	MTHFR polymorphisms and 5-FU-based adjuvant chemotherapy in colorectal cancer. Annals of Oncology, 2009, 20, 1660-1666.	1.2	65
92	Multi-walled carbon nanotube-physicochemical properties predict the systemic acute phase response following pulmonary exposure in mice. PLoS ONE, 2017, 12, e0174167.	2.5	65
93	The ratio of Matriptase/HAI-1mRNA is higher in colorectal cancer adenomas and carcinomas than corresponding tissue from control individuals. BMC Cancer, 2006, 6, 176.	2.6	64
94	Biological effects of fruit and vegetables. Proceedings of the Nutrition Society, 2006, 65, 61-67.	1.0	63
95	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, 138-146.	1.0	63
96	K-rasmutations in sinonasal cancers in relation to wood dust exposure. BMC Cancer, 2008, 8, 53.	2.6	63
97	The DNA repair gene XRCC1 and genetic susceptibility of lung cancer in a northeastern Chinese population. Lung Cancer, 2007, 56, 153-160.	2.0	60
98	Association between 8-oxo-7,8-dihydroguanine excretion and risk of lung cancer in a prospective study. Free Radical Biology and Medicine, 2012, 52, 167-172.	2.9	60
99	Association between Polymorphisms in Glutathione Peroxidase and Selenoprotein P Genes, Glutathione Peroxidase Activity, HRT Use and Breast Cancer Risk. PLoS ONE, 2013, 8, e73316.	2.5	60
100	New basal cell carcinoma susceptibility loci. Nature Communications, 2015, 6, 6825.	12.8	59
101	Genotoxic and inflammatory effects of nanofibrillated cellulose in murine lungs. Mutagenesis, 2017, 32, 23-31.	2.6	58
102	Short PNA molecular beacons for real-time PCR allelic discrimination of single nucleotide polymorphisms. Molecular and Cellular Probes, 2004, 18, 117-122.	2.1	57
103	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, 210-222.	2.8	57
104	Common variants in CYP2R1 and GC genes are both determinants of serum 25-hydroxyvitamin D concentrations after UVB irradiation and after consumption of vitamin D3â€“fortified bread and milk during winter in Denmark. American Journal of Clinical Nutrition, 2015, 101, 218-227.	4.7	57
105	Primary genotoxicity in the liver following pulmonary exposure to carbon black nanoparticles in mice. Particle and Fibre Toxicology, 2018, 15, 2.	6.2	57
106	Diesel exhaust particles are mutagenic in FE1-Mutaâ„¢Mouse lung epithelial cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 641, 54-57.	1.0	56
107	Prenatal Exposure to Carbon Black (Printex 90): Effects on Sexual Development and Neurofunction. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 434-437.	2.5	56
108	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.	3.0	56

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109	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.	1.0	55
110	Nonsteroidal anti-inflammatory drug use and breast cancer risk: a Danish cohort study. European Journal of Cancer Prevention, 2008, 17, 88-96.	1.3	55
111	Anti-TNF Treatment Response in Rheumatoid Arthritis Patients Is Associated with Genetic Variation in the NLRP3-Inflammasome. PLoS ONE, 2014, 9, e100361.	2.5	55
112	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-E899.	3.5	55
113	No Association Between Base Excision Repair Gene Polymorphisms and Risk of Lung Cancer. Biochemical Genetics, 2004, 42, 453-460.	1.7	54
114	Transcriptional profiling identifies physicochemical properties of nanomaterials that are determinants of the in vivo pulmonary response. Environmental and Molecular Mutagenesis, 2015, 56, 245-264.	2.2	54
115	Bulky DNA adducts as risk indicator of lung cancer in a Danish case-cohort study. International Journal of Cancer, 2006, 118, 1618-1622.	5.1	53
116	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.	2.5	53
117	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. Particle and Fibre Toxicology, 2018, 15, 36.	6.2	53
118	Novel understanding of ABC transporters ABCB1/MDR/P-glycoprotein, ABCC2/MRP2, and ABCG2/BCRP in colorectal pathophysiology. World Journal of Gastroenterology, 2015, 21, 11862.	3.3	53
119	Cytokine expression in mice exposed to diesel exhaust particles by inhalation. Role of tumor necrosis factor. Particle and Fibre Toxicology, 2006, 3, 4.	6.2	52
120	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.	1.0	52
121	Polymorphisms in the <scp>NF</scp>κB, <scp>TNF</scp>â€αlpha, <scp>IL</scp>â€1beta, and <scp>IL</scp>â€18 pathways are associated with response to antiâ€<scp>TNF</scp> therapy in Danish patients with inflammatory bowel disease. Alimentary Pharmacology and Therapeutics, 2019, 49, 890-903.	3.7	52
122	Associations between functional polymorphisms and response to biological treatment in Danish patients with psoriasis. Pharmacogenomics Journal, 2018, 18, 494-500.	2.0	51
123	Inhalation of ozone induces DNA strand breaks and inflammation in mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 520, 63-72.	1.7	50
124	Genetic variation in the hTAS2R38taste receptor and brassica vegetable intake. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 274-279.	1.2	50
125	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.	4.2	50
126	Lead (Pb) and neurodevelopment: A review on exposure and biomarkers of effect (BDNF, HDL) and susceptibility. International Journal of Hygiene and Environmental Health, 2021, 238, 113855.	4.3	50

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127	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.	1.7	49
128	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, 3822-3829.	7.0	49
129	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	48
130	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. Human Molecular Genetics, 2014, 23, 3045-3053.	2.9	48
131	Meta-analysis of transcriptomic responses as a means to identify pulmonary disease outcomes for engineered nanomaterials. Particle and Fibre Toxicology, 2015, 13, 25.	6.2	48
132	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.	3.7	47
133	Repeated inhalations of diesel exhaust particles and oxidatively damaged DNA in young oxoguanine DNA glycosylase (OGG1) deficient mice. Free Radical Research, 2007, 41, 172-181.	3.3	47
134	Aspirin and other non-steroidal anti-inflammatory drugs and risk of colorectal cancer: A Danish cohort study. Cancer Causes and Control, 2009, 20, 731-740.	1.8	47
135	Influence of dispersion medium on nanomaterial-induced pulmonary inflammation and DNA strand breaks: investigation of carbon black, carbon nanotubes and three titanium dioxide nanoparticles. Mutagenesis, 2017, 32, 581-597.	2.6	47
136	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.	2.5	47
137	Polymorphisms in the genes ERCC2, XRCC3 and CD3EAP influence treatment outcome in multiple myeloma patients undergoing autologous bone marrow transplantation. International Journal of Cancer, 2006, 120, 1036-1045.	5.1	46
138	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, 573-588.	2.8	45
139	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, 209-214.	2.1	44
140	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.	6.2	44
141	An Experimental Protocol for Maternal Pulmonary Exposure in Developmental Toxicology. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 202-207.	2.5	44
142	Carbon black nanoparticle intratracheal installation results in large and sustained changes in the expression of miRâ€135b in mouse lung. Environmental and Molecular Mutagenesis, 2012, 53, 462-468.	2.2	44
143	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	44
144	The NFKB1 ATTG ins/del polymorphism and risk of coronary heart disease in three independent populations. Atherosclerosis, 2011, 219, 200-204.	0.8	43

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145	The DNA repair gene ERCC2/XPD polymorphism Arg 156Arg (A22541C) and risk of lung cancer in a Chinese population. Cancer Letters, 2005, 223, 219-226.	7.2	42
146	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.	1.7	42
147	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, 2015, 13, 37.	6.2	42
148	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.	2.6	42
149	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.	6.2	42
150	Genetically determined high activity of IL-12 and IL-18 in ulcerative colitis and TLR5 in Crohns disease were associated with non-response to anti-TNF therapy. Pharmacogenomics Journal, 2018, 18, 87-97.	2.0	42
151	Acute phase response and inflammation following pulmonary exposure to low doses of zinc oxide nanoparticles in mice. Nanotoxicology, 2019, 13, 1275-1292.	3.0	42
152	Pulmonary effects of nanofibrillated celluloses in mice suggest that carboxylation lowers the inflammatory and acute phase responses. Environmental Toxicology and Pharmacology, 2019, 66, 116-125.	4.0	42
153	Airport emission particles: exposure characterization and toxicity following intratracheal instillation in mice. Particle and Fibre Toxicology, 2019, 16, 23.	6.2	41
154	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, 1149-1153.	2.8	40
155	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, 1379-1385.	2.8	40
156	Systematic review: dietâ€“gene interactions and the risk of colorectal cancer. Alimentary Pharmacology and Therapeutics, 2013, 37, 383-391.	3.7	40
157	Inter-individual variation, seasonal variation and close correlation of OGG1 and ERCC1 mRNA levels in full blood from healthy volunteers. Carcinogenesis, 2002, 23, 1505-1509.	2.8	39
158	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.	1.0	39
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