Ulla B Vogel

List of Publications by Year in Descending Order

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	The Road to Achieving the European Commission's Chemicals Strategy for Nanomaterial Sustainability-A PATROLS Perspective on New Approach Methodologies.. *Small*, **2022**, e2200231	11	3
377	The influence of exposure approaches to lung epithelial barrier models to assess engineered nanomaterial hazard.. *Nanotoxicology*, **2022**, 1-21	5.3	0
376	Towards health-based nano reference values (HNRVs) for occupational exposure: Recommendations from an expert panel.. *NanoImpact*, **2022**, 26, 100396	5.6	1
375	AOP173 key event associated pathway predictor - online application for the prediction of benchmark dose lower bound (BMDLs) of a transcriptomic pathway involved in MWCNTs-induced lung fibrosis.. *Nanotoxicology*, **2022**, 1-12	5.3	0
374	The application of existing genotoxicity methodologies for grouping of nanomaterials: towards an integrated approach to testing and assessment.. *Particle and Fibre Toxicology*, **2022**, 19, 32	8.4	1
373	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	6.9	4
372	Nanomaterial- and shape-dependency of TLR2 and TLR4 mediated signaling following pulmonary exposure to carbonaceous nanomaterials in mice. *Particle and Fibre Toxicology*, **2021**, 18, 40	8.4	1
371	Adverse Outcome Pathway Development for Assessment of Lung Carcinogenicity by Nanoparticles.. *Frontiers in Toxicology*, **2021**, 3, 653386	1.6	6
370	Inflammatory Response, Reactive Oxygen Species Production and DNA Damage in Mice After Intrapleural Exposure to Carbon Nanotubes. *Toxicological Sciences*, **2021**, 183, 184-194	4.4	1
369	Common gene variants within 3Runtranslated regions as modulators of multiple myeloma risk and survival. *International Journal of Cancer*, **2021**, 148, 1887-1894	7.5	1
368	A cohort study of cucumber greenhouse workersRexposure to microorganisms as measured using NGS and MALDI-TOF MS and biomarkers of systemic inflammation. *Environmental Research*, **2021**, 192, 110325	7.9	5
367	A transcriptomic overview of lung and liver changes one day after pulmonary exposure to graphene and graphene oxide. *Toxicology and Applied Pharmacology*, **2021**, 410, 115343	4.6	14
366	Pulmonary toxicity of synthetic amorphous silica - effects of porosity and copper oxide doping. *Nanotoxicology*, **2021**, 15, 96-113	5.3	3
365	Transcriptomics-Based and AOP-Informed Structure-Activity Relationships to Predict Pulmonary Pathology Induced by Multiwalled Carbon Nanotubes. *Small*, **2021**, 17, e2003465	11	10
364	An adverse outcome pathway for lung surfactant function inhibition leading to decreased lung function. *Current Research in Toxicology*, **2021**, 2, 225-236	2.7	7
363	TP53 common variants and interaction with PPP1R13L and CD3EAP SNPs and lung cancer risk and smoking behavior in a Chinese population.. *Biomedical Journal*, **2021**,	7.1	2
362	Non-Animal Strategies for Toxicity Assessment of Nanoscale Materials: Role of Adverse Outcome Pathways in the Selection of Endpoints. *Small*, **2021**, 17, e2007628	11	11

361	A review of health effects associated with exposure to jet engine emissions in and around airports. *Environmental Health*, **2021**, 20, 10	6	13
360	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE mice. *FASEB Journal*, **2021**, 35, e21307	0.9	2
359	In vitro-in vivo correlations of pulmonary inflammogenicity and genotoxicity of MWCNT. *Particle and Fibre Toxicology*, **2021**, 18, 25	8.4	13
358	Retained particle surface area dose drives inflammation in rat lungs following acute, subacute, and subchronic inhalation of nanomaterials. *Particle and Fibre Toxicology*, **2021**, 18, 29	8.4	4
357	Effect on Mouse Liver Morphology of CeO2, TiO2 and Carbon Black Nanoparticles Translocated from Lungs or Deposited Intravenously. *Applied Nano*, **2021**, 2, 222-241	1	1
356	Occupational exposure and markers of genetic damage, systemic inflammation and lung function: a Danish cross-sectional study among air force personnel. *Scientific Reports*, **2021**, 11, 17998	4.9	0
355	Safe-by-design strategies for lowering the genotoxicity and pulmonary inflammation of multiwalled carbon nanotubes: Reduction of length and the introduction of COOH groups. *Environmental Toxicology and Pharmacology*, **2021**, 87, 103702	5.8	3
354	Pro-inflammatory response and genotoxicity caused by clay and graphene nanomaterials in A549 and THP-1 cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2021**, 872, 503405	3	5
353	Pre-conceptional exposure to multiwalled carbon nanotubes suppresses antibody production in mouse offspring. *Nanotoxicology*, **2020**, 14, 711-724	5.3	3
352	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
351	Organomodified nanoclays induce less inflammation, acute phase response, and genotoxicity than pristine nanoclays in mice lungs. *Nanotoxicology*, **2020**, 14, 869-892	5.3	4
350	Acute Phase Response as a Biological Mechanism-of-Action of (Nano)particle-Induced Cardiovascular Disease. *Small*, **2020**, 16, e1907476	11	21
349	Fast and Robust Proteome Screening Platform Identifies Neutrophil Extracellular Trap Formation in the Lung in Response to Cobalt Ferrite Nanoparticles. *ACS Nano*, **2020**, 14, 4096-4110	16.7	6
348	Effect of Renewable Fuels and Intake O2 Concentration on Diesel Engine Emission Characteristics and Reactive Oxygen Species (ROS) Formation. *Atmosphere*, **2020**, 11, 641	2.7	11
347	Effect of combustion-derived particles on genotoxicity and telomere length: A study on human cells and exposed populations. *Toxicology Letters*, **2020**, 322, 20-31	4.4	7
346	Vitamin D-related genes and cardiometabolic markers in healthy children: a Mendelian randomisation study. *British Journal of Nutrition*, **2020**, 123, 1138-1147	3.6	3
345	Associations between common polymorphisms in CYP2R1 and GC, Vitamin D intake and risk of colorectal cancer in a prospective case-cohort study in Danes. *PLoS ONE*, **2020**, 15, e0228635	3.7	4
344	21st Century Tools for Nanotoxicology: Transcriptomic Biomarker Panel and Precision-Cut Lung Slice Organ Mimic System for the Assessment of Nanomaterial-Induced Lung Fibrosis. *Small*, **2020**, 16, e2000272	11	8

343	Disease Prediction: Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium (Adv. Mater. 47/2020). *Advanced Materials*, **2020**, 32, 2070353	24	
342	Interaction between common variants of and and and SNPs in relation to lung cancer risk among Chinese. *Annals of Translational Medicine*, **2020**, 8, 934	3.2	
341	Inhalation of welding fumes reduced sperm counts and high fat diet reduced testosterone levels; differential effects in Sprague Dawley and Brown Norway rats. *Particle and Fibre Toxicology*, **2020**, 17, 2	8.4	3
340	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
339	Pulmonary toxicity of FeO, ZnFeO, NiFeO and NiZnFeO nanomaterials: Inflammation and DNA strand breaks. *Environmental Toxicology and Pharmacology*, **2020**, 74, 103303	5.8	13
338	Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium. *Advanced Materials*, **2020**, 32, e2003913	24	7
337	A response to the letter to the editor by Driscoll et al. *Particle and Fibre Toxicology*, **2020**, 17, 32	8.4	2
336	Translating Scientific Advances in the AOP Framework to Decision Making for Nanomaterials. *Nanomaterials*, **2020**, 10,	5.4	18
335	Particle characterization and toxicity in C57BL/6 mice following instillation of five different diesel exhaust particles designed to differ in physicochemical properties. *Particle and Fibre Toxicology*, **2020**, 17, 38	8.4	14
334	Increased surface area of halloysite nanotubes due to surface modification predicts lung inflammation and acute phase response after pulmonary exposure in mice. *Environmental Toxicology and Pharmacology*, **2020**, 73, 103266	5.8	16
333	Airway exposure to TiO nanoparticles and quartz and effects on sperm counts and testosterone levels in male mice. *Reproductive Toxicology*, **2019**, 90, 134-140	3.4	12
332	Acute phase response and inflammation following pulmonary exposure to low doses of zinc oxide nanoparticles in mice. *Nanotoxicology*, **2019**, 13, 1275-1292	5.3	24
331	Methylation status of the PPP1R13L promoter region among lung cancer patients and healthy controls. Analytical cross-sectional study. *Sao Paulo Medical Journal*, **2019**, 137, 255-261	1.6	1
330	Association between a urinary biomarker for exposure to PAH and blood level of the acute phase protein serum amyloid A in coke oven workers. *Environmental Health*, **2019**, 18, 81	6	7
329	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	5.8	29
328	Health effects of exposure to diesel exhaust in diesel-powered trains. *Particle and Fibre Toxicology*, **2019**, 16, 21	8.4	15
327	Airport emission particles: exposure characterization and toxicity following intratracheal instillation in mice. *Particle and Fibre Toxicology*, **2019**, 16, 23	8.4	23
326	Ranking of nanomaterial potency to induce pathway perturbations associated with lung responses. *NanoImpact*, **2019**, 14, 100158	5.6	24

325	FADS and PPARG2 Single Nucleotide Polymorphisms are Associated with Plasma Lipids in 9-Mo-Old Infants. *Journal of Nutrition*, **2019**, 149, 708-715	4.1	3
324	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. *Environmental Science & Technology*, **2019**, 53, 4579-4587	10.3	9
323	Intake of Red and Processed Meat, Use of Non-Steroid Anti-Inflammatory Drugs, Genetic Variants and Risk of Colorectal Cancer: A Prospective Study of the Danish "Diet, Cancer and Health" Cohort. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	9
322	Effects of maternal inhalation of carbon black nanoparticles on reproductive and fertility parameters in a four-generation study of male mice. *Particle and Fibre Toxicology*, **2019**, 16, 13	8.4	11
321	Toxicity of pristine and paint-embedded TiO nanomaterials. *Human and Experimental Toxicology*, **2019**, 38, 11-24	3.4	17
320	No Interaction between Polymorphisms Related to Vitamin A Metabolism and Vitamin A Intake in Relation to Colorectal Cancer in a Prospective Danish Cohort. *Nutrients*, **2019**, 11,	6.7	3
319	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
318	Commentary: the chronic inhalation study in rats for assessing lung cancer risk may be better than its reputation. *Particle and Fibre Toxicology*, **2019**, 16, 44	8.4	14
317	Assessment of nanomaterial-induced hepatotoxicity using a 3D human primary multi-cellular microtissue exposed repeatedly over 21 days - the suitability of the in vitro system as an in vivo surrogate. *Particle and Fibre Toxicology*, **2019**, 16, 42	8.4	14
316	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
315	Genetic polymorphisms in genes of class switch recombination and multiple myeloma risk and survival: an IMMEnSE study. *Leukemia and Lymphoma*, **2019**, 60, 1803-1811	1.9	7
314	Dip coating of air purifier ceramic honeycombs with photocatalytic TiO nanoparticles: A case study for occupational exposure. *Science of the Total Environment*, **2018**, 630, 1283-1291	10.2	20
313	Meat and fiber intake and interaction with pattern recognition receptors (TLR1, TLR2, TLR4, and TLR10) in relation to colorectal cancer in a Danish prospective, case-cohort study. *American Journal of Clinical Nutrition*, **2018**, 107, 465-479	7	23
312	Confirmation of an IRAK3 polymorphism as a genetic marker predicting response to anti-TNF treatment in rheumatoid arthritis. *Pharmacogenomics Journal*, **2018**, 18, 81-86	3.5	21
311	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	3.5	27
310	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
309	Associations between functional polymorphisms and response to biological treatment in Danish patients with psoriasis. *Pharmacogenomics Journal*, **2018**, 18, 494-500	3.5	27
308	Association between polycyclic aromatic hydrocarbon exposure and peripheral blood mononuclear cell DNA damage in human volunteers during fire extinction exercises. *Mutagenesis*, **2018**, 33, 105-115	2.8	26

307	Genetic polymorphism in selenoprotein P modifies the response to selenium-rich foods on blood levels of selenium and selenoprotein P in a randomized dietary intervention study in Danes. *Genes and Nutrition*, **2018**, 13, 20	4.3	9
306	Occupational exposure during handling and loading of halloysite nanotubes – A case study of counting nanofibers. *NanoImpact*, **2018**, 10, 153-160	5.6	22
305	Primary genotoxicity in the liver following pulmonary exposure to carbon black nanoparticles in mice. *Particle and Fibre Toxicology*, **2018**, 15, 2	8.4	40
304	Pulmonary exposure to carbonaceous nanomaterials and sperm quality. *Particle and Fibre Toxicology*, **2018**, 15, 10	8.4	16
303	GLTSCR1, ATM, PPP1R13L and CD3EAP Genetic Variants and Lung Cancer Risk in a Chinese Population. *Current Medical Science*, **2018**, 38, 734-740	2.8	6
302	Genetic polymorphisms associated with psoriasis and development of psoriatic arthritis in patients with psoriasis. *PLoS ONE*, **2018**, 13, e0192010	3.7	23
301	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. *ACS Nano*, **2018**, 12, 10582-10620	16.7	292
300	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
299	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. *Particle and Fibre Toxicology*, **2018**, 15, 36	8.4	40
298	In vivo-induced size transformation of cerium oxide nanoparticles in both lung and liver does not affect long-term hepatic accumulation following pulmonary exposure. *PLoS ONE*, **2018**, 13, e0202477	3.7	24
297	Assessment of polycyclic aromatic hydrocarbon exposure, lung function, systemic inflammation, and genotoxicity in peripheral blood mononuclear cells from firefighters before and after a work shift. *Environmental and Molecular Mutagenesis*, **2018**, 59, 539-548	3.2	20
296	Nanofibrillated cellulose causes acute pulmonary inflammation that subsides within a month. *Nanotoxicology*, **2018**, 12, 729-746	5.3	26
295	Positive staining for cellulose in oral pulse granuloma. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 123, 464-467	2	4
294	Interactions between SNPs affecting inflammatory response genes are associated with multiple myeloma disease risk and survival. *Leukemia and Lymphoma*, **2017**, 58, 2695-2704	1.9	10
293	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. *Microbiome*, **2017**, 5, 43	16.6	77
292	Systematic review and meta-analysis: pharmacogenetics of anti-TNF treatment response in rheumatoid arthritis. *Pharmacogenomics Journal*, **2017**, 17, 403-411	3.5	46
291	Identification of Gene Transcription Start Sites and Enhancers Responding to Pulmonary Carbon Nanotube Exposure in Vivo. *ACS Nano*, **2017**, 11, 3597-3613	16.7	17
290	Fibrillar vs crystalline nanocellulose pulmonary epithelial cell responses: Cytotoxicity or inflammation?. *Chemosphere*, **2017**, 171, 671-680	8.4	60

289	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
288	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. *Environmental Health*, **2017**, 16, 96	6	14
287	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
286	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. *Environmental Health Perspectives*, **2017**, 125, 106002	8.4	210
285	19p13.3-GADD45B common variants and 19q13.3-PPP1R13L and 19q13.3-CD3EAP in lung cancer risk among Chinese. *Chemico-Biological Interactions*, **2017**, 277, 74-78	5	4
284	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
283	Airway exposure to multi-walled carbon nanotubes disrupts the female reproductive cycle without affecting pregnancy outcomes in mice. *Particle and Fibre Toxicology*, **2017**, 14, 17	8.4	17
282	Genotoxic and inflammatory effects of nanofibrillated cellulose in murine lungs. *Mutagenesis*, **2017**, 32, 23-31	2.8	48
281	Identification of miRSNPs associated with the risk of multiple myeloma. *International Journal of Cancer*, **2017**, 140, 526-534	7.5	6
280	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
279	Biodistribution of Carbon Nanotubes in Animal Models. *Basic and Clinical Pharmacology and Toxicology*, **2017**, 121 Suppl 3, 30-43	3.1	46
278	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	2.8	30
277	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
276	Association between single nucleotide polymorphisms in the antioxidant genes , and , erythrocyte enzyme activities, dietary and life style factors and breast cancer risk in a Danish, prospective cohort study. *Oncotarget*, **2017**, 8, 62984-62997	3.3	6
275	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
274	Genome-wide association study identifies multiple susceptibility loci for multiple myeloma. *Nature Communications*, **2016**, 7, 12050	17.4	101
273	Multi-walled carbon nanotube physicochemical properties predict pulmonary inflammation and genotoxicity. *Nanotoxicology*, **2016**, 10, 1263-75	5.3	94
272	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

271	Occupational exposure levels of bioaerosol components are associated with serum levels of the acute phase protein Serum Amyloid A in greenhouse workers. *Environmental Health*, **2016**, 15, 9	6	13
270	Association and interaction of NFKB1 rs28362491 insertion/deletion ATTG polymorphism and PPP1R13L and CD3EAP related to lung cancer risk in a Chinese population. *Tumor Biology*, **2016**, 37, 5467-73	2.9	13
269	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
268	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
267	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
266	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. *PLoS ONE*, **2016**, 11, e0160731	3.7	14
265	A common variant within the HNF1B gene is associated with overall survival of multiple myeloma patients: results from the IMMEnSE consortium and meta-analysis. *Oncotarget*, **2016**, 7, 59029-59048	3.3	14
264	Fine-mapping markers of lung cancer susceptibility in a sub-region of chromosome 19q13.3 among Chinese. *Oncotarget*, **2016**, 7, 60929-60939	3.3	4
263	Alcohol-related breast cancer in postmenopausal women - effect of CYP19A1, PPARG and PPARGC1A polymorphisms on female sex-hormone levels and interaction with alcohol consumption and NSAID usage in a nested case-control study and a randomised controlled trial. *BMC Cancer*, **2016**, 16, 283	4.8	9
262	In Vitro Toxicity Evaluation of Lignin-(Un)coated Cellulose Based Nanomaterials on Human A549 and THP-1 Cells. *Biomacromolecules*, **2016**, 17, 3464-3473	6.9	22
261	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
260	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
259	A perspective on the developmental toxicity of inhaled nanoparticles. *Reproductive Toxicology*, **2015**, 56, 118-40	3.4	117
258	No association between HMOX1 and risk of colorectal cancer and no interaction with diet and lifestyle factors in a prospective Danish case-cohort study. *International Journal of Molecular Sciences*, **2015**, 16, 1375-84	6.3	8
257	Polymorphisms in the heparanase gene in multiple myeloma association with bone morbidity and survival. *European Journal of Haematology*, **2015**, 94, 60-6	3.8	5
256	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
255	Visualization of Nanofibrillar Cellulose in Biological Tissues Using a Biotinylated Carbohydrate Binding Module of β1,4-Glycanase. *Chemical Research in Toxicology*, **2015**, 28, 1627-35	4	12
254	Variants in ELL2 influencing immunoglobulin levels associate with multiple myeloma. *Nature Communications*, **2015**, 6, 7213	17.4	54

253	Synergy of two human endogenous retroviruses in multiple myeloma. *Leukemia Research*, **2015**, 39, 1125-8	2.7	5
252	New basal cell carcinoma susceptibility loci. *Nature Communications*, **2015**, 6, 6825	17.4	49
251	Polymorphisms in ATP-binding cassette transporter genes and interaction with diet and life style factors in relation to colorectal cancer in a Danish prospective case-cohort study. *Scandinavian Journal of Gastroenterology*, **2015**, 50, 1469-81	2.4	13
250	NFKB1 common variants and PPP1R13L and CD3EAP in relation to lung cancer risk in a Chinese population. *Gene*, **2015**, 567, 31-5	3.8	4
249	Type 2 diabetes-related variants influence the risk of developing multiple myeloma: results from the IMMEnSE consortium. *Endocrine-Related Cancer*, **2015**, 22, 545-59	5.7	10
248	Reduced ex vivo stimulated IL-6 response in infants randomized to fish oil from 9 to 18 months, especially among PPARG2 and COX2 wild types. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2015**, 94, 21-7	2.8	7
247	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
246	Risk of multiple myeloma is associated with polymorphisms within telomerase genes and telomere length. *International Journal of Cancer*, **2015**, 136, E351-8	7.5	23
245	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
244	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
243	Time-dependent subcellular distribution and effects of carbon nanotubes in lungs of mice. *PLoS ONE*, **2015**, 10, e0116481	3.7	22
242	High ABCC2 and low ABCG2 gene expression are early events in the colorectal adenoma-carcinoma sequence. *PLoS ONE*, **2015**, 10, e0119255	3.7	27
241	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
240	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
239	In vitro screening of inhibition of PPAR-□activity as a first step in identification of potential breast carcinogens. *Human and Experimental Toxicology*, **2015**, 34, 1106-18	3.4	5
238	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
237	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
236	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

235	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
234	Interactions between meat intake and genetic variation in relation to colorectal cancer. *Genes and Nutrition*, **2015**, 10, 448	4.3	14
233	Polymorphisms in NFKB1 and TLR4 and interaction with dietary and life style factors in relation to colorectal cancer in a Danish prospective case-cohort study. *PLoS ONE*, **2015**, 10, e0116394	3.7	22
232	Genetic Variations in Pattern Recognition Receptor Loci Are Associated with Anti-TNF Response in Patients with Rheumatoid Arthritis. *PLoS ONE*, **2015**, 10, e0139781	3.7	26
231	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
230	Novel understanding of ABC transporters ABCB1/MDR/P-glycoprotein, ABCC2/MRP2, and ABCG2/BCRP in colorectal pathophysiology. *World Journal of Gastroenterology*, **2015**, 21, 11862-76	5.6	30
229	Effectiveness of anti-tumour necrosis factor-therapy in Danish patients with inflammatory bowel diseases. *Danish Medical Journal*, **2015**, 62,	3.8	4
228	ITS-NANO--prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. *Particle and Fibre Toxicology*, **2014**, 11, 9	8.4	112
227	Genetic variants and multiple myeloma risk: IMMEnSE validation of the best reported associations--an extensive replication of the associations from the candidate gene era. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 670-4	4	11
226	Systematic review: interactions between aspirin, and other nonsteroidal anti-inflammatory drugs, and polymorphisms in relation to colorectal cancer. *Alimentary Pharmacology and Therapeutics*, **2014**, 40, 147-59	6.1	23
225	A unified framework for nanosafety is needed. *Nano Today*, **2014**, 9, 546-549	17.9	29
224	Effects on metabolic markers are modified by PPARG2 and COX2 polymorphisms in infants randomized to fish oil. *Genes and Nutrition*, **2014**, 9, 396	4.3	15
223	Real-life use of vitamin D3-fortified bread and milk during a winter season: the effects of CYP2R1 and GC genes on 25-hydroxyvitamin D concentrations in Danish families, the VitmaD study. *Genes and Nutrition*, **2014**, 9, 413	4.3	12
222	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
221	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
220	Intestinal PTGS2 mRNA levels, PTGS2 gene polymorphisms, and colorectal carcinogenesis. *PLoS ONE*, **2014**, 9, e105254	3.7	27
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2	Regulated Emissions and Detailed Particle Characterisation for Diesel and RME Biodiesel Fuel Combustion with Varying EGR in a Heavy-Duty Engine		4

List of Publications

1 From the Roundabout of Molecular Events to Nanomaterial-Induced Chronic Inflammation Prediction 1