

# Martin Roursgaard

## List of Publications by Year in descending order

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62  
papers

3,086  
citations

147566

31  
h-index

155451

55  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4782  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 467-477.	1.7	271
2	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. <i>Mutation Research - Reviews in Mutation Research</i> , 2014, 762, 133-166.	2.4	250
3	<i>In vivo</i> Biology and Toxicology of Fullerenes and Their Derivatives. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 197-208.	1.2	155
4	Genotoxic potential of the perfluorinated chemicals PFOA, PFOS, PFBS, PFNA and PFHxA in human HepG2 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 700, 39-43.	0.9	153
5	Nano Titanium Dioxide Particles Promote Allergic Sensitization and Lung Inflammation in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 114-117.	1.2	118
6	Oxidative Stress, Genotoxicity, And Vascular Cell Adhesion Molecule Expression in Cells Exposed to Particulate Matter from Combustion of Conventional Diesel and Methyl Ester Biodiesel Blends. <i>Environmental Science &amp; Technology</i> , 2011, 45, 8545-8551.	4.6	101
7	Hazard identification of particulate matter on vasomotor dysfunction and progression of atherosclerosis. <i>Critical Reviews in Toxicology</i> , 2011, 41, 339-368.	1.9	99
8	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014, 88, 1939-1964.	1.9	99
9	Vascular Effects of Multiwalled Carbon Nanotubes in Dyslipidemic ApoE <sup>-/-</sup> Mice and Cultured Endothelial Cells. <i>Toxicological Sciences</i> , 2014, 138, 104-116.	1.4	94
10	Breast Milk-Derived Extracellular Vesicles Enriched in Exosomes From Mothers With Type 1 Diabetes Contain Aberrant Levels of microRNAs. <i>Frontiers in Immunology</i> , 2019, 10, 2543.	2.2	77
11	Effect of vitamin C and iron chelation on diesel exhaust particle and carbon black induced oxidative damage and cell adhesion molecule expression in human endothelial cells. <i>Toxicology Letters</i> , 2011, 203, 181-189.	0.4	75
12	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model. <i>Particle and Fibre Toxicology</i> , 2014, 11, 56.	2.8	70
13	Oxidative damage to DNA by diesel exhaust particle exposure in co-cultures of human lung epithelial cells and macrophages. <i>Mutagenesis</i> , 2012, 27, 693-701.	1.0	66
14	Oxidatively damaged DNA in animals exposed to particles. <i>Critical Reviews in Toxicology</i> , 2013, 43, 96-118.	1.9	64
15	Measurement of oxidative damage to DNA in nanomaterial exposed cells and animals. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 97-110.	0.9	64
16	Accumulation of lipids and oxidatively damaged DNA in hepatocytes exposed to particles. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 350-360.	1.3	59
17	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. <i>Toxicology Letters</i> , 2012, 214, 19-26.	0.4	58
18	Synergistic Effects of Zinc Oxide Nanoparticles and Fatty Acids on Toxicity to Caco-2 Cells. <i>International Journal of Toxicology</i> , 2015, 34, 67-76.	0.6	58

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19	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. Archives of Biochemistry and Biophysics, 2012, 518, 142-150.	1.4	57
20	Expression of adhesion molecules, monocyte interactions and oxidative stress in human endothelial cells exposed to wood smoke and diesel exhaust particulate matter. Toxicology Letters, 2012, 209, 121-128.	0.4	55
21	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. Mutagenesis, 2015, 30, 67-83.	1.0	54
22	Atherosclerosis and vasomotor dysfunction in arteries of animals after exposure to combustion-derived particulate matter or nanomaterials. Critical Reviews in Toxicology, 2016, 46, 437-476.	1.9	54
23	Polyhydroxylated C <sub>60</sub> Fullerene (Fullerenol) Attenuates Neutrophilic Lung Inflammation in Mice. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 386-388.	1.2	51
24	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. Mutagenesis, 2018, 33, 9-19.	1.0	50
25	Carbon Black Nanoparticles Promote Endothelial Activation and Lipid Accumulation in Macrophages Independently of Intracellular ROS Production. PLoS ONE, 2014, 9, e106711.	1.1	45
26	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. Toxicology in Vitro, 2016, 36, 164-171.	1.1	42
27	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. Toxicology, 2016, 371, 29-40.	2.0	39
28	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. Nanotoxicology, 2015, 9, 813-824.	1.6	38
29	Time-response relationship of nano and micro particle induced lung inflammation. Quartz as reference compound. Human and Experimental Toxicology, 2010, 29, 915-933.	1.1	37
30	Acute and Subchronic Airway Inflammation after Intratracheal Instillation of Quartz and Titanium Dioxide Agglomerates in Mice. Scientific World Journal, The, 2011, 11, 801-825.	0.8	37
31	Different effects of anthocyanins and phenolic acids from wild blueberry ( <i>Vaccinium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 environment. Molecular Nutrition and Food Research, 2016, 60, 2355-2366.	1.5	37
32	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolar endothelial co-cultures. Nanotoxicology, 2016, 10, 1-10.	1.6	32
33	Pulmonary exposure to particles from diesel exhaust, urban dust or single-walled carbon nanotubes and oxidatively damaged DNA and vascular function in apoE <sup>-/-</sup> mice. Nanotoxicology, 2014, 8, 61-71.	1.6	31
34	Automobile diesel exhaust particles induce lipid droplet formation in macrophages in vitro. Environmental Toxicology and Pharmacology, 2015, 40, 164-171.	2.0	31
35	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology. Critical Reviews in Toxicology, 2018, 48, 761-788.	1.9	30
36	Polyethylenimine architecture-dependent metabolic imprints and perturbation of cellular redox homeostasis. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 328-342.	0.5	28

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37	Health effects of exposure to diesel exhaust in diesel-powered trains. <i>Particle and Fibre Toxicology</i> , 2019, 16, 21.	2.8	27
38	Anthocyanins and phenolic acids from a wild blueberry ( <i>Vaccinium angustifolium</i> ) powder counteract lipid accumulation in THP-1-derived macrophages. <i>European Journal of Nutrition</i> , 2016, 55, 171-182.	1.8	24
39	Assessment of evidence for nanosized titanium dioxide-generated DNA strand breaks and oxidatively damaged DNA in cells and animal models. <i>Nanotoxicology</i> , 2017, 11, 1237-1256.	1.6	24
40	Repair activity of oxidatively damaged DNA and telomere length in human lung epithelial cells after exposure to multi-walled carbon nanotubes. <i>Mutagenesis</i> , 2017, 32, 173-180.	1.0	24
41	Lung inflammation and genotoxicity in mice lungs after pulmonary exposure to candle light combustion particles. <i>Toxicology Letters</i> , 2017, 276, 31-38.	0.4	23
42	Inflammation, oxidative stress and genotoxicity responses to biodiesel emissions in cultured mammalian cells and animals. <i>Critical Reviews in Toxicology</i> , 2020, 50, 383-401.	1.9	23
43	Hepatic Hazard Assessment of Silver Nanoparticle Exposure in Healthy and Chronically Alcohol Fed Mice. <i>Toxicological Sciences</i> , 2017, 158, 176-187.	1.4	22
44	Neurotensin, substance P, and insulin enhance cell migration. <i>Journal of Peptide Science</i> , 2018, 24, e3093.	0.8	22
45	Genotoxicity of multi-walled carbon nanotube reference materials in mammalian cells and animals. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 788, 108393.	2.4	20
46	Inhalation of House Dust and Ozone Alters Systemic Levels of Endothelial Progenitor Cells, Oxidative Stress, and Inflammation in Elderly Subjects. <i>Toxicological Sciences</i> , 2018, 163, 353-363.	1.4	19
47	Reactive oxygen species production, genotoxicity and telomere length in FE1-Muta <sup>+</sup> Mouse lung epithelial cells exposed to carbon nanotubes. <i>Nanotoxicology</i> , 2021, 15, 661-672.	1.6	18
48	Airway exposure to TiO <sub>2</sub> nanoparticles and quartz and effects on sperm counts and testosterone levels in male mice. <i>Reproductive Toxicology</i> , 2019, 90, 134-140.	1.3	16
49	Effects of Alcohol Consumption on the Allergen-Specific Immune Response in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 553-556.	1.4	14
50	Vasomotor function in rat arteries after ex vivo and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Particle and Fibre Toxicology</i> , 2018, 15, 12.	2.8	14
51	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4579-4587.	4.6	13
52	Effect of combustion-derived particles on genotoxicity and telomere length: A study on human cells and exposed populations. <i>Toxicology Letters</i> , 2020, 322, 20-31.	0.4	12
53	Transport of SiO <sub>2</sub> Nanoparticles through Human Skin. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 142-144.	1.2	11
54	Inflammatory Response, Reactive Oxygen Species Production and DNA Damage in Mice After Intrapleural Exposure to Carbon Nanotubes. <i>Toxicological Sciences</i> , 2021, 183, 184-194.	1.4	11

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55	Simultaneous Cross-Linking and Cross-Polymerization of Enzyme Responsive Polyethylene Glycol Nanogels in Confined Aqueous Droplets for Reduction of Low-Density Lipoprotein Oxidation. <i>Biomacromolecules</i> , 2021, 22, 386-398.	2.6	10
56	Biomarkers of DNA Oxidation Products: Links to Exposure and Disease in Public Health Studies. <i>Chemical Research in Toxicology</i> , 2021, 34, 2235-2250.	1.7	10
57	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. <i>Heliyon</i> , 2017, 3, e00458.	1.4	9
58	Telomere shortening and aortic plaque progression in Apolipoprotein E knockout mice after pulmonary exposure to candle light combustion particles. <i>Mutagenesis</i> , 2018, 33, 253-261.	1.0	9
59	Assessment of reactive oxygen species production and genotoxicity of rare earth mining dust: Implications for public health and mining management. <i>Science of the Total Environment</i> , 2020, 740, 139759.	3.9	9
60	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. <i>Archives of Toxicology</i> , 2021, 95, 3407-3416.	1.9	9
61	Cell medium-dependent dynamic modulation of size and structural transformations of binary phospholipid/1-3 fatty acid liquid crystalline nano-self-assemblies: Implications in interpretation of cell uptake studies. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 464-479.	5.0	8
62	Variability in Particle Size Determination by Nanoparticle Tracking Analysis. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 931-941.	0.3	6