

Martin Roursgaard

List of Publications by Year in descending order

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62
papers

3,086
citations

147566

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155451

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docs citations

62
times ranked

4782
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Reactive oxygen species production, genotoxicity and telomere length in FE1-Muta, Mouse lung epithelial cells exposed to carbon nanotubes. <i>Nanotoxicology</i> , 2021, 15, 661-672.	1.6	18
4	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
5	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
6	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. <i>Archives of Toxicology</i> , 2021, 95, 3407-3416.	1.9	9
7	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
8	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
9	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
10	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
11	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
12	Airway exposure to TiO2 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
13	Health effects of exposure to diesel exhaust in diesel-powered trains. <i>Particle and Fibre Toxicology</i> , 2019, 16, 21.	2.8	27
14	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science & Technology</i> , 2019, 53, 4579-4587.	4.6	13
15	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. <i>Mutagenesis</i> , 2018, 33, 9-19.	1.0	50
16	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
17	Telomere dynamics and cellular senescence: an emerging field in environmental and occupational toxicology. <i>Critical Reviews in Toxicology</i> , 2018, 48, 761-788.	1.9	30
18	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

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19	Neurotensin, substance P, and insulin enhance cell migration. <i>Journal of Peptide Science</i> , 2018, 24, e3093.	0.8	22
20	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
21	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
22	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
23	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
24	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
25	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. <i>Heliyon</i> , 2017, 3, e00458.	1.4	9
26	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolar endothelial co-cultures. <i>Nanotoxicology</i> , 2016, 10, 1-10.	1.6	32
27	Different effects of anthocyanins and phenolic acids from wild blueberry (<i>Vaccinium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 environment. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2355-2366.	1.5	37
28	Atherosclerosis and vasomotor dysfunction in arteries of animals after exposure to combustion-derived particulate matter or nanomaterials. <i>Critical Reviews in Toxicology</i> , 2016, 46, 437-476.	1.9	54
29	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. <i>Toxicology in Vitro</i> , 2016, 36, 164-171.	1.1	42
30	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016, 371, 29-40.	2.0	39
31	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
32	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
33	Polyethylenimine architecture-dependent metabolic imprints and perturbation of cellular redox homeostasis. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 328-342.	0.5	28
34	Automobile diesel exhaust particles induce lipid droplet formation in macrophages in vitro. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 164-171.	2.0	31
35	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. <i>Mutagenesis</i> , 2015, 30, 67-83.	1.0	54
36	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. <i>Nanotoxicology</i> , 2015, 9, 813-824.	1.6	38

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37	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 467-477.	1.7	271
38	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
39	Carbon Black Nanoparticles Promote Endothelial Activation and Lipid Accumulation in Macrophages Independently of Intracellular ROS Production. <i>PLoS ONE</i> , 2014, 9, e106711.	1.1	45
40	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014, 88, 1939-1964.	1.9	99
41	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
42	Vascular Effects of Multiwalled Carbon Nanotubes in Dyslipidemic ApoE ^{-/-} Mice and Cultured Endothelial Cells. <i>Toxicological Sciences</i> , 2014, 138, 104-116.	1.4	94
43	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
44	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
45	Pulmonary exposure to particles from diesel exhaust, urban dust or single-walled carbon nanotubes and oxidatively damaged DNA and vascular function in apoE ^{-/-} mice. <i>Nanotoxicology</i> , 2014, 8, 61-71.	1.6	31
46	Variability in Particle Size Determination by Nanoparticle Tracking Analysis. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 931-941.	0.3	6
47	Oxidatively damaged DNA in animals exposed to particles. <i>Critical Reviews in Toxicology</i> , 2013, 43, 96-118.	1.9	64
48	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
49	Expression of adhesion molecules, monocyte interactions and oxidative stress in human endothelial cells exposed to wood smoke and diesel exhaust particulate matter. <i>Toxicology Letters</i> , 2012, 209, 121-128.	0.4	55
50	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. <i>Toxicology Letters</i> , 2012, 214, 19-26.	0.4	58
51	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. <i>Archives of Biochemistry and Biophysics</i> , 2012, 518, 142-150.	1.4	57
52	Transport of SiO ₂ Nanoparticles through Human Skin. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 142-144.	1.2	11
53	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 & Technology</i> , 2011, 45, 8545-8551.	4.6	101
54	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

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55	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
56	Acute and Subchronic Airway Inflammation after Intratracheal Instillation of Quartz and Titanium Dioxide Agglomerates in Mice. <i>Scientific World Journal</i> , The, 2011, 11, 801-825.	0.8	37
57	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
58	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
59	Time-response relationship of nano and micro particle induced lung inflammation. Quartz as reference compound. <i>Human and Experimental Toxicology</i> , 2010, 29, 915-933.	1.1	37
60	<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
61	Polyhydroxylated C ₆₀ Fullerene (Fullerenol) Attenuates Neutrophilic Lung Inflammation in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 386-388.	1.2	51
62	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