Pernille HÃ¸gh Danielsen

List of Publications by Year
in descending order

28 papers	2,572 citations	257101 24 h-index	500791 28 g-index
29 all docs	29 docs citations	29 times ranked	3710 citing authors

#	Article	IF	Citations
1	Role of oxidative damage in toxicity of particulates. Free Radical Research, 2010, 44, 1-46.	1.5	361
2	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. Mutation Research - Reviews in Mutation Research, 2014, 762, 133-166.	2.4	250
3	Air pollution, oxidative damage to DNA, and carcinogenesis. Cancer Letters, 2008, 266, 84-97.	3.2	208
4	Oxidative Stress, DNA Damage, and Inflammation Induced by Ambient Air and Wood Smoke Particulate Matter in Human A549 and THP-1 Cell Lines. Chemical Research in Toxicology, 2011, 24, 168-184.	1.7	201
5	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.	2.8	139
6	Oxidative damage to DNA and repair induced by Norwegian wood smoke particles in human A549 and THP-1 cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 674, 116-122.	0.9	131
7	Hazard identification of particulate matter on vasomotor dysfunction and progression of atherosclerosis. Critical Reviews in Toxicology, 2011, 41, 339-368.	1.9	99
8	Role of oxidative stress in carbon nanotube-generated health effects. Archives of Toxicology, 2014, 88, 1939-1964.	1.9	99
9	Biomarkers of oxidative damage to DNA and repair. Biochemical Society Transactions, 2008, 36, 1071-1076.	1.6	98
10	Vascular Effects of Multiwalled Carbon Nanotubes in Dyslipidemic ApoEâ^'/â^' Mice and Cultured Endothelial Cells. Toxicological Sciences, 2014, 138, 104-116.	1.4	94
11	Oxidative Stress, Inflammation, and DNA Damage in Rats after Intratracheal Instillation or Oral Exposure to Ambient Air and Wood Smoke Particulate Matter. Toxicological Sciences, 2010, 118, 574-585.	1.4	91
12	Oxidatively damaged DNA and its repair after experimental exposure to wood smoke in healthy humans. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 642, 37-42.	0.4	70
13	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.	1.3	66
14	Oxidatively damaged DNA in animals exposed to particles. Critical Reviews in Toxicology, 2013, 43, 96-118.	1.9	64
15	Measurement of oxidative damage to <scp>DNA</scp> in nanomaterial exposed cells and animals. Environmental and Molecular Mutagenesis, 2015, 56, 97-110.	0.9	64
16	DNA damage and cytotoxicity in type II lung epithelial (A549) cell cultures after exposure to diesel exhaust and urban street particles. Particle and Fibre Toxicology, 2008, 5, 6.	2.8	59
17	Variation in assessment of oxidatively damaged DNA in mononuclear blood cells by the comet assay with visual scoring. Mutagenesis, 2008, 23, 223-231.	1.0	58
18	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

#	Article	IF	Citations
19	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. Mutagenesis, 2015, 30, 67-83.	1.0	54
20	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
21	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.	0.4	52
22	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. Mutagenesis, 2018, 33, 9-19.	1.0	50
23	Carbon Black Nanoparticles Promote Endothelial Activation and Lipid Accumulation in Macrophages Independently of Intracellular ROS Production. PLoS ONE, 2014, 9, e106711.	1.1	45
24	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. Nanotoxicology, 2015, 9, 813-824.	1.6	38
25	Assessment of evidence for nanosized titanium dioxide-generated DNA strand breaks and oxidatively damaged DNA in cells and animal models. Nanotoxicology, 2017, 11, 1237-1256.	1.6	24
26	The mechanism-based toxicity screening of particles with use in the food and nutrition sector via the ToxTracker reporter system. Toxicology in Vitro, 2019, 61, 104594.	1.1	16
27	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.	2.8	15
28	Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium. Advanced Materials, 2020, 32, e2003913.	11.1	14